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ANNUAL PLANNING INFORMATION

State of Alabama

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FOREWORD

This publication incorporates the most current data available for the various categories with projections for FY 1982 (October 1, 1981 through September 30, 1982). Projections data are intended for use by manpower planners in the absence of more concrete data. Careful attention should be paid to the dates listed with each statistical table or set of tables. Questions or comments arising from use of this information should be addressed to the Labor Market Analysis Unit at 205-832-5279 or 832-5263 (ACTS numbers 345-5279 and 345-5263).

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HIGHLIGHTS AND CONCLUSIONS

The national economic slowdown is continuing. Alabama is also reflecting this trend; however, the impact has been greater on us than it has on the nation and most other states. Many of the layoffs which occurred in most industries during 1980, became permanent job losses because of the slowed demand for goods or services provided by these firms. Interest rates continued to soar, adding to the already existing tight supply of operating capital.

Alabama's unemployment situation should begin to show signs of improvement with FY 1982 civilian labor force and unemployment averaging 1,695,000 and 135,600, respectively.

The economic downturn has enhanced the problems of those in need of employment and training. The termination of nonessential jobs by employers has increased job competition, thereby accentuating the job placement problems of the youth and older workers. Layoffs have had a tremendous effect on the economy, particularly in sparsely populated areas. In order to find employment, many of the unemployed need retraining or help in relocation. The inflationary squeeze is now being felt by almost everyone, particularly the poor and elderly.

BASIC DESCRIPTION OF THE STATE

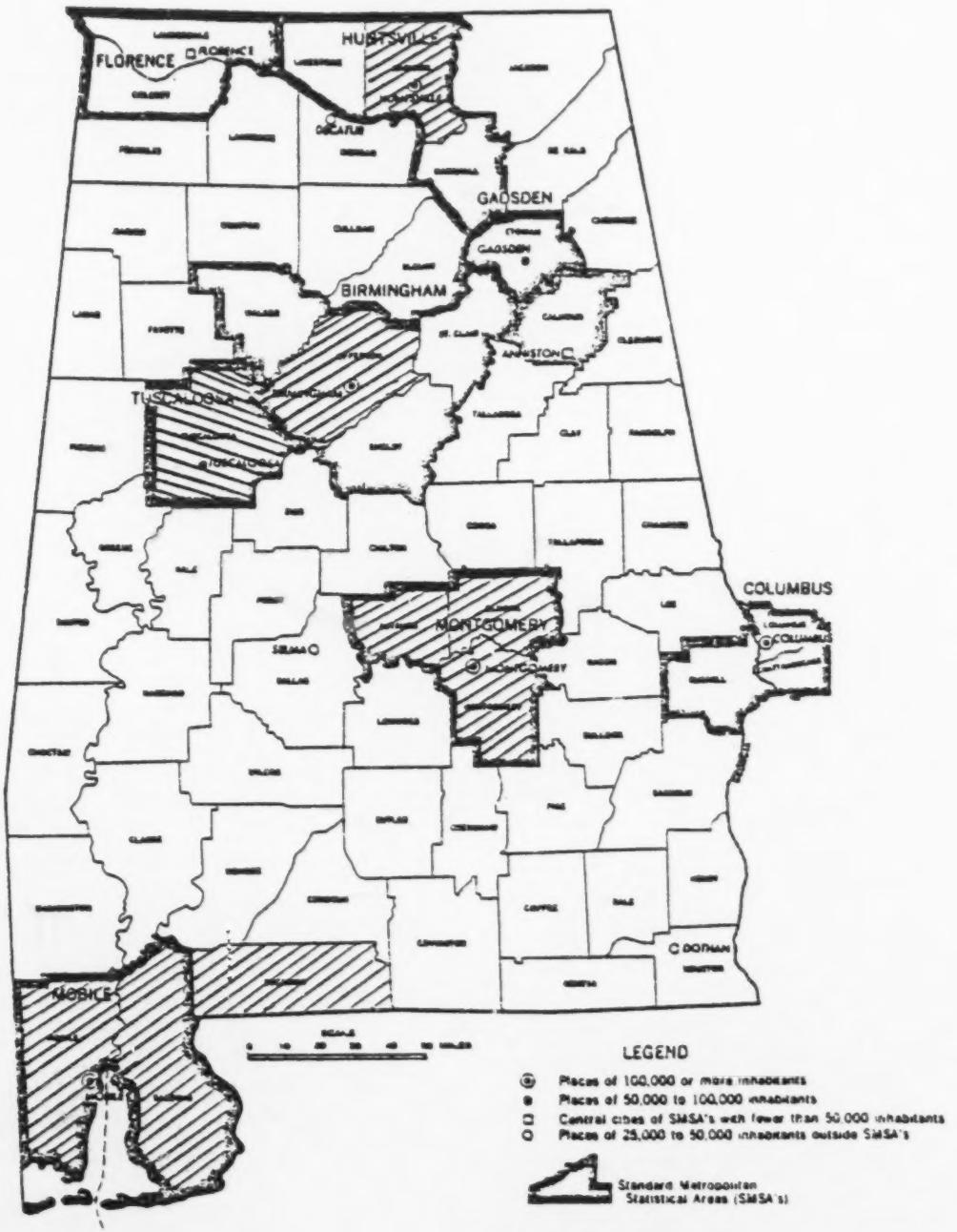
Alabama is located in the southeast portion of the United States. On the south it is bordered by Florida, on the west by Mississippi, on the east by Georgia and on the north by Tennessee. The State of Alabama occupies 50,708 square miles and ranks 29th in order of area among all of the states. The principal rivers of Alabama provide extensive water transportation, hydroelectric power and recreation facilities. Navigable rivers include the Tennessee, which flows across the northern counties, the Black Warrior, Alabama and Tombigbee, which flow through the central and southern sections of the state, and the Chattahoochee which serves as a border between Georgia and Alabama. Other significant rivers are the Coosa and Tallapoosa. The Alabama, Tombigbee and Chattahoochee Rivers provide water traffic access to the Gulf of Mexico. In addition to the river system, seven railroads and nine interstate highways provide the state with a very efficient transportation network.

Alabama is comprised of 67 counties, eight Standard Metropolitan Statistical Areas and the Russell County portion of the Columbus, Georgia SMSA. The Birmingham SMSA is the largest SMSA with a 1977 estimated population of 818,200 while Mobile runs second with a population of 435,400. There are six CETA prime sponsors in the State including the Huntsville, Birmingham, Tuscaloosa, Montgomery and Mobile Consortiums plus the Balance of State. Forty-one full functioning Employment Service Offices, with an additional 39 branch and itinerant offices, are conveniently located throughout the state.

ECONOMIC DEVELOPMENTS AND OUTLOOK

The state's economy continued to weaken during 1980. Nonagricultural wage and salary employment's growth slowed from 1.9 percent in 1979 to a negative rate of 0.3 percent in 1980, with employment averaging 1,358,300. The manufacturing division employment declined 3.4

ALABAMA



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percent over the year, while the nonmanufacturing sector reflected a slight growth on 0.9 percent. The majority of the industrial indicators experienced declines: coke, pig iron and steel ingot production fell sharply; cement shipment went downward; and electric energy consumption dropped 5.3 percent from the previous year. Bituminous coal and crude oil and condensate production reflected increases.

Paralleling cement shipments, building contracts awarded went down. Slowdowns, such as these, are continuing indicators that the recession is here.

Alabama's economic performance was further demonstrated by additional indicators. The Department of Revenue reported $1,740,263,647 in state tax receipts for FY 1980, an 8.0 percent increase over the last fiscal year. The announced capital investments for new and expanding industries, totaling $1,808,744,137 remained virtually unchanged from 1979. Upon completion of these projects, it is projected that 17,356 new jobs will be created.

The gross farm income for the state was projected to dip to $2.1 billion in 1980, falling $155 million short of 1979's record level. While numerous crops were adversely affected by drought, the Alabama peanut crop was almost devastated. Agricultural employment, down 800 from the 1979 level and averaging 40,700 in 1980, continued its pattern of decline over prior-year levels.

The workweek of factory production workers averaged 40.1 hours, down 36 minutes over the prior year. Average hourly earnings rose 54 cents, to total $6.49 per hour, while average weekly earnings advanced 7.5 percent to measure $260.25 in 1980. The cost of living, as measured by the Consumer Price Index, increased 13.5 percent during the same priod largely offsetting the gain achieved in earnings.

Alabama's total unemployment rate averaged 8.8 percent in 1980, up substantially from the prior year's rate of 7.1 percent and well above the 7.1 percent national average, which jumped significantly from the 5.8 percent average in 1979.

Alabama's economy is anticipated to exhibit limited growth in FY 1982. Wage and salary employment should increase approximately 2.3 percent, with larger gains occurring in the nonmanufacturing sector. The total unemployment rate is projected to average 8.0 percent in FY 1982. In summary, slight improvement in the State's economy is projected for FY 1982.

POPULATION CHARACTERISTICS AND TRENDS

Alabama's population expanded 325,000, or 9.4 percent, since 1970 to total 3,769,000 in July 1979. During this same time period, the nation's population grew 8.3 percent from the 203,235,000 reported in the 1970 census to 220,099,000.

A comparison of 1979 and 1970 census data revealed growth in 58 counties while only 9 suffered losses. Shelby County had the largest percentage gain with 54.6 percent, while Mobile County, with additions of 45,600, had the largest numerical growth. Other counties with high growth rates include St. Clair, Blount, Elmore, Baldwin, Jackson, Houston, Autauga, and Winston. Perry, Dale, and Wilcox Counties reflected the greatest population declines as they fell 14.6 percent, 13.9 percent, and 12.1 percent, respectively.

Of the state's population, the Standard Metropolitan Statistical Areas accounted for 62.1 percent of the total. The largest increase, 62,300, in residents since the 1970 census was recorded by the Mobile SMSA.

Alabama's civilian population should number 3,856,316 by 1982, a 13.1 percent increase over 1970. Longer life spans, as well as declining birth rates, are determining an older Alabama population in 1982 than in 1970. The 65 and older age group should increase by 30.7 percent over the 1970 level, while those under age 15 are expected to decline 7.3 percent. The above average population growth for Alabama is a result of the lessening of black outmigration and the influx of industry to our state. The noticeable rise, for the 20-44 year-old age group, is a result of the post World War II baby boom.

CHARACTERISTICS OF THE LABOR FORCE

The civilian labor force in Alabama numbered 1,642,000 in 1980, an increase of 17,000, or 1.0 percent, over the 1979 total. General economic conditions remained the primary factor influencing the slowdown in growth. The employed sector declined 11,000 while the unemployed rose 28,000 over the year.

Teenagers, aged 16-19, are expected to experience increased job competition from older experienced workers, many of whom have been terminated from nonessential jobs by employers or laid off because of economic conditions. The teenage unemployment rate stood at 22.3 percent in 1980.

Whites represented 55.6 percent of the unemployed and 77.1 percent of the employed while blacks and others constituted 44.4 percent of the unemployed and only 22.9 percent of the employed. Minority teenagers have serious unemployment problems as reflected by the group's 1980 unemployment rate of 43.8 percent.

Following the 1980 recessionary period, the outlook for FY 1982 is for a slow economic recovery. The civilian labor force should number 1,695,000 in FY 1982, with an average unemployment rate of 8.0 percent. The average jobless rate for 1980 was 8.8 percent. The white males should enjoy the lowest rates averaging 4.6 percent. Nonwhite females should display the highest rate of joblessness with an average jobless rate of 19.3 percent. Of the 55,106 sixteen to seventeen year olds projected to be in the labor force in FY 1982, 28.1 percent should experience unemployment.

The number of different individuals expected to be unemployed during FY 1982 is 406,800, although unemployment will average 135,600. Of this total, 57.4 percent will be female. The racial breakout indicates 55.1 percent should be white. The largest numerical group is expected to be white females numbering 121,633.

EMPLOYMENT DEVELOPMENTS AND OUTLOOK BY INDUSTRY

Manufacturing. Employment in the factory division averaged 362,000 in 1980, representing an annual decline of 3.4 percent. It experienced a 1.6 percent growth rate in 1979. The durable

goods sector dropped 6.3 percent, while nondurables held almost even losing only 0.6 percent. The manufacturing division will probably experience a 1.6 percent gain in FY 1982.

Textiles. Employment in the textile industry declined 1,300, or 3.0 percent, during 1980, marking the fourth consecutive year of employment cutbacks. The declining trend experienced over the past few years should be checked, as employment is expected to rise by 0.9 percent during FY 1982.

Apparel. Employment in the apparel industry averaged 53,900 in 1980, representing an annual increase of 1,200, or 2.3 percent. While this industry faired relatively well during the recent recession, only limited expansion is anticipated during the upcoming fiscal year.

Paper and Allied Products. Employment losses precipitated by summer strikes resulted in a 1,000, or 4.9 percent, drop for 1980. In FY 1982, slight growth of 1.5 percent should be realized in this industry.

Lumber. The slowdown in residential building contracts awarded resulted in an employment drop of 2,600, or 8.4 percent. The cyclical low point for this industry should occur during 1981; however, the slight upturn of 1.6 percent projected for FY 1982 will only recover a small portion of employment losses incurred since 1979.

Primary Metals. Employment declined 12.2 percent, or 5,400, in 1980 due largely to the shutdown of a major facility. Pig iron and steel ingot production in 1980 fell sharply during the summer months as the recession peaked. Current indications are that most cutbacks have been absorbed and limited growth of approximately 1.2 percent is expected during FY 1982.

Fabricated Metals. The annual employment loss of 900 reduced employment to 25,000 in 1980. The modest recovery exhibited over the past few months suggests possible growth of 3.0 percent in FY 1982.

Machinery, including Electrical. Employment declined steadily during the first half of 1980, then began some limited recovery. However, the annual average employment was down 3.2 percent over the year. This industry is likely to experience slow but steady growth throughout FY 1982 resulting in an increase of 2.1 percent for the year.

Transportation Equipment. Employment in this industry dropped 3.4 percent in 1980 primarily due to the closing of a plant. Ship and boat building and repairing firms expanded employment by 15.4 percent over 1979. A slight decline of 0.6 percent is projected for FY 1982 as automobile manufacturing and railroad equipment components should continue to experience some slowdown.

Other Manufacturing. There were divergent trends among other manufacturing industries during 1980: all of the remaining durable goods industries experienced setbacks, while only two soft goods producers reported modest gains, resulting in a net loss of 1,000, or 1.0 percent. Stone, clay and glass products posted a significant decline of 7.5 percent in 1980; however, they should sustain some recovery from losses incurred during the recession. The industries making up this group should remain stable or experience slight growth during FY 1982.

Mining. Employment expanded 1.2 percent in 1980 due largely to increased production of bituminous coal. The large over-the-year increase projected for FY 1982 will result from the

EMPLOYEES IN NONAGRICULTURAL INDUSTRIES IN ALABAMA[1]
(in thousands)

INDUSTRY	ANNUAL AVERAGE			NET CHANGE FROM		PERCENT CHANGE FROM	
	1980	1979	1978	1979 to 1980	1978 to 1979	1979 to 1980	1978 to 1979
TOTAL	1358.3	1362.0	1336.5	- 3.7	25.5	- 0.3	1.9
MANUFACTURING	362.0	374.9	368.9	-12.9	6.0	- 3.4	1.6
Durable Goods	174.7	186.5	180.2	-11.8	6.3	- 6.3	3.5
Lumber & Wood Products	28.2	30.8	30.2	- 2.6	0.6	- 8.4	2.0
Sawmills and Planning Mills	10.1	11.1	10.9	- 1.0	0.2	- 9.0	1.8
Stone, Clay, and Glass Products	9.8	10.6	10.8	- 0.8	- 0.2	- 7.5	- 1.9
Primary Metals	39.0	44.4	44.6	- 5.4	- 0.2	-12.2	0.4
Blast Furnaces and Steel Works	15.0	18.1	18.2	- 3.1	- 0.1	-17.1	- 0.5
Iron and Steel Foundries	13.0	14.3	14.8	- 1.3	- 0.5	- 9.1	- 3.4
Fabricated Metal Products	25.0	25.9	26.0	- 0.9	- 0.1	- 3.5	- 0.4
Structural Metal Products	12.9	13.1	12.8	- 0.2	0.3	- 1.5	2.3
Machinery (Including Electrical)	33.7	34.8	31.3	- 1.1	3.5	- 3.2	11.2
Transportation Equipment	22.7	23.5	20.5	- 0.8	3.0	- 3.4	14.6
Shipbuilding and Repairs	4.5	3.9	3.7	0.6	0.2	15.4	5.4
Other Durable Goods[2]	16.3	16.5	16.8	- 0.2	- 0.3	- 1.2	- 1.8
Nondurable Goods	187.3	188.4	188.7	- 1.1	- 0.3	- 0.6	- 0.2
Food and Kindred Products	28.3	28.1	27.6	0.2	0.5	0.7	1.8
Textile Mill Products	42.6	43.9	45.6	- 1.3	- 1.7	- 3.0	- 3.7
Weaving Mills, incl. Narrow Fabrics	19.7	20.3	21.4	- 0.6	- 1.1	- 3.0	- 5.1
Weaving Mills, Cotton	16.0	17.2	18.8	- 1.2	- 1.6	- 7.0	- 8.5
Knitting Mills	10.8	10.4	10.5	0.4	- 0.1	3.8	- 1.0
Yarn and Thread Mills	6.7	7.5	7.7	- 0.8	- 0.2	-10.7	- 2.6
Apparel	53.9	52.7	53.7	1.2	- 1.0	2.3	- 1.9
Men's and Boys' Apparel	29.8	28.4	28.8	1.4	- 0.4	4.9	- 1.4
Paper and Allied Products	19.4	20.4	19.7	- 1.0	0.7	- 4.9	3.6
Pulp, Paper, and Paperboard Mills	15.8	16.7	16.0	- 0.9	0.7	- 5.4	4.4
Printing and Publishing	10.0	10.1	9.9	- 0.1	0.2	- 1.0	2.0
Chemicals and Allied Products	15.8	16.1	15.5	- 0.3	0.6	- 1.9	3.9
Plastic Materials and Synthetics	5.9	6.4	6.3	- 0.5	0.1	- 7.8	1.6
Rubber and Plastics Products	14.7	14.5	13.5	0.2	1.0	1.4	7.4
Other Nondurable Goods[3]	2.6	2.6	3.2	0.0	- 0.6	0.0	-18.8
NONMANUFACTURING	996.3	987.1	967.6	9.2	19.5	0.9	2.0
Mining	16.9	16.7	14.1	0.2	2.6	1.2	18.4
Bituminous Coal Mining	12.8	12.5	10.2	0.3	2.3	2.4	22.5
Construction	72.1	75.4	78.8	- 3.3	- 3.4	- 4.4	- 4.3
Transportation and Public Utilities	71.5	71.7	69.8	- 0.2	1.9	- 0.3	2.7
Railroad Transportation	7.1	7.4	7.5	- 0.3	- 0.1	- 4.1	- 1.3
Communication and Utilities	37.4	37.0	35.8	0.4	1.2	1.1	3.4
Trade	273.3	275.6	269.7	- 2.3	5.9	- 0.8	2.2
Wholesale	72.4	73.1	71.9	- 0.7	1.2	- 1.0	1.7
Retail	200.9	202.5	197.8	- 1.6	4.7	- 0.8	2.4
General Merchandise Stores	28.1	29.4	30.4	- 1.3	- 1.0	- 4.4	- 3.3
Apparel Stores	16.9	16.8	16.3	0.1	0.5	0.6	3.1
Finance, Insurance, and Real Estate	58.6	58.3	57.5	0.3	0.8	0.5	1.4
Banking	20.1	19.5	18.6	0.6	0.9	3.1	4.8
Insurance Carriers	15.3	15.5	15.8	- 0.2	- 0.3	- 1.3	- 1.9
Services[4]	204.4	197.8	191.8	6.6	6.0	3.3	3.1
Hotels and Lodging Places	10.1	10.2	10.3	- 0.1	- 0.1	- 1.0	- 1.0
Hospitals	31.4	29.8	27.2	1.6	2.6	5.4	9.6
Government	299.5	291.6	285.9	7.9	5.7	2.7	2.0
Federal Government	67.6	63.3	64.0	4.3	- 0.7	6.8	- 1.1
Defense	27.2	26.0	24.9	1.2	1.1	4.6	4.4
Post Office	7.7	7.6	7.6	0.1	0.0	1.3	0.0
Other Federal	32.7	29.7	31.5	3.0	- 1.8	10.1	- 5.7
State and Local Government	231.9	228.3	221.9	3.6	6.4	1.6	2.9
Nonschool	114.0	114.4	111.8	- 0.4	2.6	- 0.3	2.3
School	117.9	113.9	110.1	4.0	3.8	3.5	3.5

[p]Preliminary [r]Revised

[1]Data include, on a place of work basis, all full and part-time nonagricultural wage and salary employees who worked during, or received pay for any part of the pay period which includes the 12th of the month. Proprietors, self-employed persons, workers in private households and unpaid family workers are excluded. Estimates adjusted to a March 1980 benchmark, based on the *Standard Industrial Classification Manual, 1972*, as amended

[2]Includes furniture and fixtures, professional instruments, and miscellaneous durable goods.

[3]Includes tobacco manufactures, products of petroleum and coal, and leather and leather products.

[4]Includes veterinary and other animal services and landscape and horticultural services.

ESTIMATES PREPARED BY ALABAMA DEPARTMENT OF INDUSTRIAL RELATIONS IN COOPERATION WITH THE UNITED STATES DEPARTMENT OF LABOR.

settlement of a nationwide coal worker's strike in progress during 1981. Employment should average about 17,800 during FY 1982.

Construction. Construction employment declined 4.4 percent in 1980, following a similar downturn in 1979. Little expansion in the residential construction market is anticipated during at least the first half of FY 1982. Employment during FY 1982 is likely to advance at a rate of 1.0 percent.

Transportation and Public Utilities. This industry exhibited a minimal employment decline of 0.3 percent in 1980. The sharp decline in public works and utilities contracts indicates little if any employment growth can be expected during the upcoming fiscal year.

Trade. Modest declines occurred in both wholesale and retail sectors of trade in 1980 to measure a net decrease of 0.8 percent. Governmental policies concerning consumer credit and the money supply will significantly influence certain segments of this industry. Realization of some improvement in the economy should generate a growth rate of 2.5 percent in FY 1982.

Finance, Insurance and Real Estate. Growth in this industry measured 0.5 percent in 1980 as gains in banking employment offset losses in other segments. The continuance of high interest rates and other tight money policies combined with additional usage of the automated bank "tellers" will tend to limit employment growth; however, these are steadily growing industries and the projected growth rate for FY 1982 is 2.0 percent.

Services. Employment continued to expand at an above-average rate of 3.3 percent in 1980 despite the overall sluggishness of the economy. As the recession subsides, employment should rise even faster. Current trends indicate employment is likely to grow at a rate of 4.0 percent in FY 1982.

Government. Employment in the public sector increased 2.7 percent in 1980. Long-term trends in this sector have been steady growth; however, present fiscal policy at both national and state levels indicates cutbacks in various programs. Limited growth in education and defense should offset cutbacks in remaining areas resulting in no change in employment during FY 1982.

PROJECTED EMPLOYMENT BY OCCUPATIONAL GROUPS

By 1982, approximately 45 percent of Alabama's employment will be white-collar workers, comprising 31,360 more of the employed sector than do blue-collar workers. This demonstrates a continuing shift towards white-collar occupations. The groups comprising the white-collar segment are Professional, Technical and Kindred; Managers and Officials; and Sales Workers and Clerical Workers. The blue-collar segment consists of Craft Workers, Operatives and Laborers, except Farm.

White-Collar Workers

An increase of 82,730 workers is predicted for the white-collar segment. This increase, however, will not be sufficient to prevent the group's share of the labor force from dropping slightly by 1982. This occupational group will realize a 15.2 percent gain in the number of workers between 1976 and 1982. However, its share of the state total will slip from 45.1 in 1976 to 44.7 percent in 1982, as the total of all occupations for the state will experience an even greater rate of growth.

Professional, Technical and Kindred workers are composed of highly trained persons such as engineers, mathematical specialists, medical workers, computer specialists, teachers, accountants and lawyers. This group's growth rate, from 1976 to 1982, is expected to be 15.0 percent. Despite this growth rate, the sector should continue to claim 14.8 percent of the state's total employment for this period.

Managers and Officials include workers such as sales managers, administrators and corporate executives. The group is expected to grow from 91,870 to 106,740, a 16.2 percent increase. This group made up 7.6 percent of total employment in 1976 and should constitute 7.6 percent in 1982.

Clerical workers make up the largest and fastest growing occupational group of the white-collar sector with positions such as stenographers, typists, secretaries, keypunch operators, bookkeepers, claims adjustors, statistical clerks and telephone operators. This group is expected to expand 15.3 percent between 1976 and 1982, growing from 203,500 to 234,640 workers. The greatest increases will come from the following positions: secretaries, general office clerks, bookkeepers, cashiers and typists.

Sales workers should number 77,460 by 1982, an increase of 14.2 percent over the 1976 total. This segment makes up the smallest occupational group of white-collar workers. Over the projected period, about 63.0 percent of the 26,100 sales job opportunities will result from replacement needs. Increased demands are anticipated for such jobs as sales agents, representatives and associates and sales clerks.

Blue-Collar Workers

The blue-collar work force has grown slowly over the past 30 years and is expected to show a 16.1 percent increase between 1976 and 1982. Employment in this segment will advance from 512,550 to 595,010 by the end of the 6-year span.

Crafts and Kindred positions include a wide variety of highly skilled workers such as carpenters, plumbers and pipefitters, machinists, job and die setters, toolmakers and diemakers. This group totaled 162,730 in 1976 and should rise to 190,990 in Alabama by 1982. This increase of 28,260 workers will represent a 17.4 percent gain in this segment.

Operatives are the largest blue-collar worker group, including workers such as assemblers, blasters, drillers, butchers, truck and bus drivers and many types of machine operators. Numbering 246,070 in 1976, Operatives are expected to increase 15.4 percent within the projected time period to 283,910. Because of the expected slow growth of the manufacturing industries and improved technology in the production processes, the demand for these workers will be low. Employment for Operatives such as truck and bus drivers will increase as the transportation industry grows.

Laborers, except Farm include such workers as animal caretakers, garbage collectors, timbercutters and freight and stock handlers. Employment is expected to increase 15.8 percent over the projected six-year time period, from 103,750 to 120,110. Similar to Operative workers, employment in this group will grow slowly because machines will increasingly replace manual labor.

Service Workers

Service workers are the largest and fastest growing group, expecting to rise 21.1 percent during the 1976-1982 span. Employment in this group will advance from 149,250 workers to 180,800 by the end of the 6-year period. As incomes rise, factors such as the increased demand for medical care and more frequent use of beauty salons, restaurants and leisure services, are expected to increase the need for these workers. Service workers include such people as janitors, bartenders, cosmetologists, firefighters, police officers and lifeguards. Fast-food restaurant food preparation service workers will show the largest increase in employment over the projected period.

NUMBER AND PERCENT DISTRIBUTION OF EMPLOYMENT, BY MAJOR OCCUPATIONAL GROUP
1976 AND PROJECTED 1982
ALABAMA

	1976		1982		1976-1982	
Major Occupational Group	Number	Percent Distribution	Number	Percent Distribution	Net Change	Percent Change
Total	1,205,440	100.00	1,402,180	100.00	196,740	16.32
White-Collar Workers	543,640	45.10	626,370	44.67	82,730	15.22
Prof., Tech., & Kindred	180,470	14.97	207,530	14.80	27,060	14.99
Managers & Officials	91,870	7.62	106,740	7.61	14,870	16.19
Clerical Workers	203,500	16.88	234,640	16.73	31,140	15.30
Sales Workers	67,800	5.63	77,460	5.53	9,660	14.25
Blue-Collar Workers	512,550	42.52	595,010	42.44	82,460	16.09
Crafts & Kindred Workers	162,730	13.50	190,990	13.62	28,260	17.37
Operatives	246,070	20.41	283,910	20.25	37,840	15.38
Laborers, Except Farm	103,750	8.61	120,110	8.57	16,360	15.77
Service Workers	149,250	12.38	180,800	12.89	31,550	21.14

ANNUAL AVERAGE JOB OPENINGS

Total annual average job openings are expected to measure 72,110 during the 1976-1982 period. Growth will account for 32,890 of these jobs, while the remaining 39,220 openings will be due to labor force separations. The best indicator of demand for various occupations is not always growth, since more jobs will become available due to death, retirement and labor force separations than from industrial growth.

Replacement needs due to death, retirement or job change are of particular importance in occupations which utilize a large number of women and older workers. Clerical positions, which employ an above average number of women, will experience 128 job openings occurring because of replacement needs for every 100 resulting from growth. The Service sector, also composed primarily of women, will require 121 replacements for every 100 new job openings.

During the projected time period, white-collar occupations will exhibit a larger proportion of openings due to separations than growth, while the opposite will be the case in blue-collar jobs. The Service occupational group, like the white-collar segment, will need a larger number of replacements. For every 100 new Professional, Technical and Kindred posts, there will be a demand for 131 replacement positions. Over one and one half times as many openings will occur in the Managers and Officials segment due to labor force separations than due to growth. In Sales, 63.0 percent of the job openings will be for replacements.

TOTAL ANNUAL AVERAGE JOB OPENINGS, OPENINGS DUE TO GROWTH, AND OPENINGS DUE TO LABOR FORCE SEPARATIONS, BY MAJOR OCCUPATIONAL GROUP
1976-1982
ALABAMA

Major Occupational Group	Annual Average Job Openings		
	Total	Openings Due to Growth**	Openings Due to Labor Force Separations***
TOTAL*	72,110	32,890	39,220
White-Collar Workers	32,910	13,785	19,125
Professional, Tech., & Kindred	10,455	4,520	5,935
Managers & Officials	6,270	2,475	3,795
Clerical Workers	11,835	5,180	6,655
Sales Workers	4,350	1,610	2,740
Blue-Collar Workers	27,560	13,830	13,730
Crafts & Kindred Workers	8,945	4,735	4,210
Operatives	12,370	6,370	6,000
Laborers, Except Farm	6,245	2,725	3,520
Service Workers	11,640	5,275	6,365

* Job openings data generally reflect annual average changes in employment over the 1976-1982 period as well as separations estimated on the basis of the annual average employment level during the period and estimated 1980 labor force separation rates.
** Openings resulting from industry growth.
*** Openings resulting from death, retirement, or other reasons for leaving the labor force.

TRAINING

Because of the high level of unemployment, employers can afford to be very selective in choosing employees for their organizations. A high degree of training and education is needed to perform the increasingly complex jobs. Starting salary and opportunities for advancement are usually based on the amount of training and education that a person has.

A college degree no longer guarantees a job because of the supply and demand relationship between college graduates and available jobs. There has been a shift in the type of jobs for which college graduates are now hired. Also, the number of college graduates being hired as managers and administrators has grown, but more and more college graduates are obtaining jobs in Sales, Service, Clerical and blue-collar occupations. There has been a decline in the proportion of college graduates employed in the Professional occupations. Career planning is becoming very necessary for all students in order for them to successfully market their skills.

Most Professional jobs require the completion of a four-year college, while Technical and Kindred workers are trained in junior colleges, vocational technical schools or learn on the job. Workers in the Managers and Officials group, for the most part, either have a college degree or receive their training through long-term experience in related jobs. Clerical workers generally are trained in business schools or junior colleges or complete high school business courses. Except for those who sell complex products, Sales workers are usually trained on the job.

Craftsmen acquire their necessary training through apprenticeship, on-the-job training, classroom instruction and experience. On-the-job training is usually sufficient for Operatives, and Laborers require only brief instructions from their supervisors.

Service Workers usually require specialized training. Some Service workers need only on-the-job training, such as janitors, waiters and waitresses and housekeepers, while others require training in vocational technical schools, such as cosmetologists and barbers.

The State Prime Sponsor and the five Local Prime Sponsors, together with their respective Employment Training Councils, in accordance with the Comprehensive Employment and Training Act of 1973, are charged with the responsibility of providing employment opportunities and job training for the economically disadvantaged, unemployed and underemployed and of assuring that programs and services lead to optimum job opportunities and self-sufficiency. The State Prime Sponsor and the Employment and Training Council, through the Administration of the Governor's Office of Employment and Training, serve the Balance-of-State Area which includes 58 counties. The nine remaining counties are served by the five CETA Local Prime Sponsors. The Department of Industrial Relations, through its statewide network of Job Service offices, does eligibility determination and intake for the CETA program.

CETA goals will be accomplished first through employment and training services, which involve bringing individuals into the program, assessing their needs and then developing and implementing a plan of action to achieve their employment goals. Secondly, the CETA program seeks to provide training, education and employability development. This includes classroom training, on-the-job training, public service employment, summer work experience, out-of-school work experience and older worker experiences. Employment services include job development placement and follow up. The third facet is to provide supportive services, such as: assistance to participants in overcoming personal or environmental handicaps which are a barrier to their employment; for example, legal assistance, child care, health, transportation or emergency aid.

The opportunity to secure training is excellent in Alabama. Twenty-six four-year colleges and universities and 27 junior colleges throughout the state offer many varied paths of post-secondary education. Direct occupational training can also be obtained through the 28 technical/community colleges located throughout the state. Many of Alabama's high schools provide vocational training courses in addition to the 113 area vocational centers designed to benefit eleventh and twelfth grade students by providing one-half of each school day in vocational training programs. Intensive, short-term, single-skill training is available in selected geographical areas designed to provide workers with specific skills needed in new and expanding industries.

ESTIMATE OF NEEDS FOR MANPOWER SERVICES

Approximately 135,600 Alabamians are expected to experience a need for manpower services during FY 1982. This jobless total represents 8.0 percent of the civilian labor force, down from the 8.8 percent average recorded for 1980. The adverse effect on nonwhites will be especially evident in nonwhite females with an unemployment rate of 19.3 percent. Youth unemployment should continue to be extremely high with the sixteen to seventeen year old jobless rates reaching 28.1 percent statewide in 1982, and skyrocketing in the young nonwhite sector.

Those 63,629 persons employed part-time for economic reasons constitute a valid plea for manpower services. White male part-time workers represent 38.1 percent of the total, while white females comprise approximately 35 percent of the total.

Since education continues to be the key to the better jobs, a look at those lacking salable skills portrays others in need of guidance and training. The 1976 Survey of Income and Education found that 47.1 percent of males, 25 years old and over, had less than a high school education, while 46.5 percent of females in the same age grouping lacked a high school diploma. Family heads with less than a high school diploma were also found to be more than twice as likely to be poor as those with a high school diploma.

Work experience is also a gage of the need for employment and training service. The 1976 Survey of Income and Education found that 1.65 as many Alabamians were employed at some time during 1975 as did not work at all. The ratio stood at 1.81 for whites and 1.27 for nonwhites. Nonwhites are also portrayed as more likely to experience long-term unemployment than whites. The ratio of workers to nonworkers for females stood at 0.98 as more did not work than were employed; but a look at the age grouping found that more women worked than did not work in all age groups except the 65 years and over category. The worker to nonworker ratio stood at 1.843 for women 25 to 44 years of age.

An estimate of the experienced unemployed from the 1976 Survey of Income and Education shows that the nonwhite jobseeker's experience is concentrated in lower skill level occupational groups. For example, nonwhites make up 37.3 percent of those who last worked in Professional, Technical and Managerial jobs but are a majority of the Laborers, Service workers and private household workers.

Persons with active applications on file in Alabama's Employment Service Offices as of March 31, 1981 numbered 149,012, an 11.5 percent increase over the total reported last March. The 45 years old and over category mirrored the total incline. Minority applications rose 4,675 over the period. All categories experienced an increase with age group under 22 applications representing the lowest percentage rise.

CHARACTERISTICS OF THE ECONOMICALLY DISADVANTAGED

Economically disadvantaged persons are those who are members of a family which received payments under any of several social welfare programs or whose annual income in relation to family size and location does not exceed the most recently established poverty levels.

Poverty Level by Size of Family

Size of Family Unit	*Nonfarm Family*	*Farm Family*
1	$ 4,310	$3,680
2	5,690	4,850
3	7,070	6,020
4	8,450	7,190
5	9,830	8,360
6	11,210	9,530

For family units with more than six members, add $1,380 for each additional member in a nonfarm family and $1,170 for each additional member in a farm family.

For FY 1982, incomes for 826,023 persons are projected to fall below the poverty level. Of these poverty-stricken individuals, approximately 57.9 percent are nonwhite. Related children under 18 dropping below the poverty level should reach 326,244 along with the 122,699 individuals over 65 years of age. Family incomes of 664,058 Alabamians are expected to fall under the poverty level status.

Spells of unemployment equaling or exceeding 15 weeks is considered long-term unemployment. In FY 1982, 33,611 persons are projected to experience long-term unemployment. More whites are expected to be in the ranks of the jobless. Males should represent 52.1 percent of the long-term unemployed. As the economy worsens, the number of long-term unemployed could grow.

As of March 31, 1981, active applications for work in Alabama's Employment Service Offices numbered 149,012. Females comprised 46.7 percent of the applicants. Clerical and Sales occupations were the jobs sought after most often by female applicants. Minorities represented 41.7 percent of the applicants. Age-wise, 19.7 percent were under 22 years of age and 15.9 percent were 45 years of age and over. The economically disadvantaged applicants made up 35.6 percent of the total and veterans comprised 17.9 percent of all applicants.

BARRIERS TO EMPLOYMENT

The economy itself will be one of the principal barriers to employment during FY 1982. The economic slump will result in a tight labor market with a large number of skilled and semi-skilled workers in competition for available jobs. This will place the economically disadvantaged in an unusually difficult position. Perhaps the two most common barriers to the disadvantaged group are lack of education and lack of marketable skill. Other problems which typically hinder the disadvantaged are: lack of transportation to and from jobs; child care and family responsibilities, particularly for female workers; poor health; lack of self-confidence; and lack of motivation.

APPENDIX

Table 1
TOTAL POPULATION IN ALABAMA COUNTIES
1970, 1978 and 1979*

County	July 1, 1979[1]	July 1, 1978	April 1, 1970[2]	Percent Change From 1970-1979
ALABAMA	3,769,000[3]	3,728,000[3]	3,444,354[4]	9.4
Autauga	29,900	29,200	24,460	22.2
Baldwin	76,100	73,900	59,382	28.2
Barbour	25,300	25,200	22,543	12.2
Bibb	15,100	14,700	13,812	9.3
Blount	34,900	33,600	26,853	30.0
Bullock	11,500	11,600	11,824	- 2.7
Butler	22,400	21,600	22,007	1.8
Calhoun	117,400	116,100	103,092	13.9
Chambers	38,400	37,400	36,356	5.6
Cherokee	17,900	18,000	15,606	14.7
Chilton	29,300	28,900	25,180	16.4
Choctaw	17,200	17,100	16,589	3.7
Clarke	27,300	28,100	26,724	2.2
Clay	14,100	13,700	12,636	11.6
Cleburne	12,200	11,800	10,996	10.9
Coffee	36,400	36,100	34,872	4.4
Colbert	50,400	50,100	49,632	1.5
Conecuh	16,200	15,800	15,645	3.5
Coosa	11,200	11,200	10,662	5.0
Covington	35,700	35,100	34,079	4.8
Crenshaw	14,500	14,100	13,188	9.9
Cullman	60,800	60,200	52,445	15.9
Dale	45,600	45,500	52,995	-14.0
Dallas	51,300	52,400	55,296	- 7.2
DeKalb	50,300	50,400	41,981	19.8
Elmore	43,500	41,700	33,661	29.2
Escambia	36,000	35,800	34,912	3.1
Etowah	98,400	98,000	94,144	4.5
Fayette	17,400	16,700	16,252	7.1
Franklin	28,100	27,000	23,933	17.4
Geneva	24,800	24,100	21,924	13.1
Greene	10,200	10,400	10,650	- 4.2
Hale	15,600	15,400	15,888	- 1.8
Henry	15,900	15,500	13,254	20.0
Houston	71,200	71,200	56,574	25.9
Jackson	50,000	49,600	39,202	27.5
Jefferson	660,200	654,500	644,991	2.4
Lamar	15,400	15,600	14,335	7.4
Lauderdale	79,000	76,600	68,111	16.0
Lawrence	29,500	29,300	27,281	8.1
Lee	72,800	70,700	61,268	18.8
Limestone	44,200	43,800	41,699	6.0
Lowndes	12,900	13,700	12,897	0.0

Table 1 (Continued)
TOTAL POPULATION IN ALABAMA COUNTIES
1970, 1978 AND 1979*

County	July 1, 1979[1]	July 1, 1978	April 1, 1970[2]	Percent Change From 1970-1979
Macon	26,400	26,600	24,841	6.3
Madison	188,800	186,700	186,540	1.2
Marengo	23,100	23,600	23,819	- 3.0
Marion	27,100	26,900	23,788	13.9
Marshall	61,000	61,500	54,211	12.5
Mobile	362,900	360,300	317,308	14.4
Monroe	23,700	22,900	20,883	13.5
Montgomery	191,200	186,700	167,790	14.0
Morgan	87,500	86,000	77,306	13.2
Perry	13,100	13,500	15,388	-14.9
Pickens	21,700	21,500	20,326	6.8
Pike	27,400	26,600	25,038	9.4
Randolph	18,700	18,800	18,331	2.0
Russell	46,100	46,300	45,394	1.6
St. Clair	37,300	36,800	27,956	33.4
Shelby	58,800	56,500	38,037	54.6
Sumter	16,100	16,600	16,974	- 5.1
Talladega	69,600	68,900	65,280	6.6
Tallapoosa	36,400	36,000	33,840	7.6
Tuscaloosa	127,800	125,400	116,029	10.1
Walker	66,000	66,200	56,246	17.3
Washington	17,300	17,500	16,241	6.5
Wilcox	14,300	14,600	16,303	-12.3
Winston	20,300	20,000	16,654	21.9

[1]Preliminary.
[2]1970 Census.
[3]State estimates are shown to the nearest thousand, county estimates to the nearest hundred.
[4]The total for the state shown here includes all corrections to the 1970 Census made subsequent to the release of the official state figure. The official 1970 Census count for Alabama was 3,444,165.
*U.S. Department of Commerce, Bureau of the Census.

Table 2
ALABAMA
TOTAL POPULATION IN METROPOLITAN AREAS AND THEIR COMPONENT COUNTIES
1970, 1978 and 1979*
(SMSA totals rounded independently of county numbers)

Standard Metropolitan Statistical Area and County	July 1, 1979[1]	July 1, 1978	April 1, 1970[2]	Percent Change From 1970-1979
ANNISTON, ALABAMA	117,400	116,100	103,092	13.9
Calhoun County	117,400	116,100	103,092	13.9
BIRMINGHAM, ALABAMA	822,200	814,000	767,230	7.2
Jefferson County	660,200	654,500	644,991	2.4
St. Clair County	37,300	36,800	27,956	33.4
Shelby County	58,800	56,500	38,037	54.6
Walker County	66,000	66,200	56,246	17.3
COLUMBUS, GA. (Alabama Portion)	46,100	46,300	45,394	1.6
Russell County	46,100	46,300	45,394	1.6
FLORENCE, ALABAMA	129,300	126,700	117,743	9.8
Colbert County	50,400	50,100	49,632	1.5
Lauderdale County	79,000	76,600	68,111	16.0
GADSDEN, ALABAMA	98,400	98,000	94,144	4.5
Etowah County	98,400	98,000	94,144	4.5
HUNTSVILLE, ALABAMA	294,000	292,000	282,450	4.1
Limestone County	44,200	43,800	41,699	6.0
Madison County	188,800	186,700	186,540	1.2
Marshall County	61,000	61,500	54,211	12.5
MOBILE, ALABAMA	439,000	434,200	376,690	16.5
Baldwin County	76,100	73,900	59,382	28.2
Mobile County	362,900	360,300	317,308	14.4
MONTGOMERY, ALABAMA	264,600	257,600	225,911	17.1
Autauga County	29,900	29,200	24,460	22.2
Elmore County	43,500	41,700	33,661	29.2
Montgomery County	191,200	186,700	167,790	14.0
TUSCALOOSA, ALABAMA	127,800	125,400	116,029	10.1
Tuscaloosa county	127,800	125,400	116,029	10.1
METROPOLITAN	2,339,000	2,310,300	2,128,683	9.9
NONMETROPOLITAN	1,430,000	1,417,800	1,315,671	8.7

[1]Preliminary.
[2]1970 Census.
*U.S. Department of Commerce, Bureau of the Census.

Table 3
CIVILIAN POPULATION PROJECTIONS BY AGE, RACE, & SEX — JULY 1982
ALABAMA

Age, Race & Sex	1970*	1975**	1982**	Net Change 1970—1975	Net Change 1970—1982
POPULATION TOTAL	3,410,871	3,593,107	3,856,316	182,236	445,445
Under 15 Years	1,022,018	960,941	947,319	-61,077	-74,699
15 — 19 Years	338,652	383,510	380,820	44,858	42,168
20 — 44 Years	1,033,767	1,161,171	1,357,046	127,404	323,279
45 — 64 Years	689,446	714,111	743,907	24,665	54,461
65 Years and Over	326,988	373,374	427,224	46,386	100,236
WHITE MALES — TOTAL	1,208,831	1,288,436	1,372,208	79,605	163,377
Under 15 Years	356,312	336,435	319,512	-19,877	-36,800
15 — 19 Years	115,969	129,715	127,610	13,746	11,641
20 — 44 Years	384,461	443,813	519,019	59,352	134,558
45 — 64 Years	252,788	266,319	278,034	13,531	25,246
65 Years & Over	99,301	112,154	128,033	12,853	28,732
WHITE FEMALES — TOTAL	1,297,469	1,376,894	1,470,631	79,425	173,162
Under 15 Years	338,166	325,810	314,160	-12,356	-24,006
15 — 19 Years	114,658	126,071	130,937	11,413	16,279
20 — 44 Years	425,188	458,469	505,674	33,281	80,486
45 — 64 Years	278,316	299,420	322,048	21,104	43,732
65 Years & Over	141,141	167,124	197,812	25,983	56,671
NONWHITE MALES — TOTAL	421,851	433,562	472,085	11,711	50,234
Under 15 Years	164,292	153,547	163,033	-10,745	- 1,259
15 — 19 Years	53,495	58,294	55,404	4,799	1,909
20 — 44 Years	96,543	118,593	151,608	22,050	55,065
45 — 64 Years	70,830	63,904	60,555	- 6,926	-10,275
65 Years & over	36,691	39,224	41,485	2,533	4,794
NONWHITE FEMALES — TOTAL	482,720	494,215	541,392	11,495	58,672
Under 15 Years	163,248	145,149	150,614	-18,099	-12,634
15 — 19 Years	54,530	69,430	66,869	14,900	12,339
20 — 44 Years	127,575	140,296	180,745	12,721	53,170
45 — 64 Years	87,512	84,468	83,270	- 3,044	- 4,242
65 Years & over	49,855	54,872	59,894	5,017	10,039

* U. S. Department of Commerce, Bureau of the Census.
** FY 1982 Lawrence Berkeley Laboratory Projections, University of California at Berkeley.

Table 4
CIVILIAN POPULATION PROJECTIONS BY AGE, RACE, & SEX — JULY 1982*
ALABAMA

Age	Total Population	White Males	White Females	Nonwhite Males	Nonwhite Females
Total	3,856,316	1,372,208	1,470,631	472,085	541,392
0—4	312,955	98,773	95,463	61,083	57,636
5—9	304,350	102,064	100,905	53,354	48,027
10—14	330,014	118,675	117,792	48,596	44,951
15—19	380,820	127,610	130,937	55,404	66,869
20—24	332,970	117,596	103,616	48,958	62,800
25—29	299,020	119,411	94,522	41,693	43,394
30—34	283,171	110,614	115,108	26,249	31,200
35—39	237,965	93,390	103,094	19,059	22,422
40—44	203,920	78,008	89,334	15,649	20,929
45—49	194,936	73,579	84,055	16,237	21,065
50—54	197,670	74,240	85,649	15,541	22,240
55—59	186,646	69,909	80,975	15,102	20,660
60—64	164,655	60,306	71,369	13,675	19,305
65—69	151,389	49,759	64,741	15,459	21,430
70—74	117,495	37,454	53,066	11,582	15,393
75 & Over	158,340	40,820	80,005	14,444	23,071

*FY 1982 Lawrence Berkeley Laboratory Projections, University of California at Berkeley.

Table 5
TOTAL POPULATION PROJECTIONS FOR ALABAMA COUNTIES*
(in thousands)

	1990	2000
DISTRICT I		
Colbert	54.0	60.0
Lauderdale	87.2	95.2
Franklin	32.0	33.7
Marion	31.5	33.0
Winston	24.6	26.6
Lawrence	32.0	33.2
Limestone	50.5	54.1
Morgan	102.4	112.2
Cullman	71.8	75.7
Marshall	73.8	78.4
DeKalb	57.1	59.6
Jackson	59.0	64.0
DISTRICT II		
Lamar	16.6	17.0
Fayette	16.7	17.0
Bibb	14.8	15.1
Hale	14.3	13.9
Greene	9.8	9.6
Pickens	22.6	22.9
DISTRICT III		
Shelby	75.0	84.9
Walker	80.0	95.6
Blount	41.3	44.0
St. Clair	43.5	47.1
Chilton	33.5	34.5
DISTRICT IV		
Etowah	98.0	102.0
Cherokee	20.7	21.5
Calhoun	123.5	129.9
Cleburne	12.8	13.4
Talladega	71.3	72.3
Clay	13.8	14.2
Randolph	19.0	19.0
Coosa	11.5	11.9
Tallapoosa	38.4	39.0
Chambers	36.9	37.0

Table 5 (continued)
TOTAL POPULATION PROJECTIONS FOR ALABAMA COUNTIES*
(in thousands)

	1990	2000
DISTRICT V		
Lowndes	13.8	14.2
Butler	19.7	18.7
Crenshaw	14.8	15.0
Pike	28.5	29.3
Bullock	11.1	10.7
Russell	46.7	46.9
Macon	28.1	29.5
Lee	89.1	99.0
DISTRICT VI		
Choctaw	17.7	18.0
Marengo	22.1	21.5
Perry	13.2	13.0
Dallas	54.6	53.7
Wilcox	11.8	10.7
Monroe	23.1	23.4
Conecuh	15.3	14.9
Clarke	30.0	31.3
Washington	18.7	19.5
Sumter	15.9	15.4
DISTRICT VII		
Covington	34.0	34.0
Coffee	37.4	38.1
Dale	42.3	43.9
Barbour	27.1	28.0
Henry	16.7	17.6
Houston	83.7	92.0
Geneva	25.1	25.5
COUNTIES NOT INCLUDED IN DISTRICTS		
Autauga	39.3	46.0
Baldwin	90.3	100.0
Elmore	52.2	55.9
Escambia	39.4	40.2
Jefferson	687.5	703.3
Madison	221.4	239.2
Mobile	403.5	420.0
Montgomery	211.6	220.0
Tuscaloosa	148.0	157.3

*Standard (BEA-EPA) Population Projections. Prepared by the Bureau of Economic Analysis, U. S. Department of Commerce.

Table 6
TOTAL POPULATION
ALABAMA

	1950	1960				1970			
Age	Total	Total	% Change From 1950	Male	Female	Total	% Change From 1960	Male	Female
Under 15	1,000,367	1,108,552	+10.8	561,627	546,925	1,020,158	- 8.0	519,552	500,606
15 — 19	265,240	279,481	+ 5.4	139,709	139,772	341,751	+22.3	171,457	170,294
20 — 24	243,006	207,634	-14.6	99,655	107,979	274,544	+32.2	132,169	142,375
25 — 29	234,242	194,879	-16.8	92,990	101,889	216,947	+11.3	105,422	111,525
30 — 34	213,437	204,749	- 4.1	96,538	108,211	191,048	- 6.7	91,439	99,609
35 — 44	409,634	403,558	- 1.5	192,954	210,604	382,941	- 5.1	181,523	201,418
45 — 54	297,162	357,761	+20.4	173,300	184,431	372,973	+ 4.3	177,324	195,649
55 — 64	200,007	248,979	+24.5	117,861	131,118	317,842	+27.7	147,649	170,193
65 — 74	141,576	173,790	+22.8	79,007	94,783	207,904	+19.6	89,526	118,378
75 & Over	57,072	87,357	+53.1	38,038	49,319	118,057	+35.1	45,880	72,177
20 & Over	1,796,136	1,878,707	+ 4.6	890,373	988,334	2,082,256	+10.8	970,932	1,111,324
% of Total	58.7	57.5				60.5			
All Ages-Total	3,061,743	3,266,740	+ 6.7	1,591,709	1,675,031	3,444,165	+ 5.4	1,661,941	1,782,224
%-Female					51.3				51.7

COMPARISON OF STATE AND NATIONAL POPULATION GROWTH

	Alabama	U. S.
April 1, 1970	3,444,297	203,235,298
July 1, 1982	3,856,316	226,341,000
Increase	412,019	23,105,702
Percent Increase	12.0	11.4

Table 7
CHARACTERISTICS OF THE CIVILIAN LABOR FORCE*
1980 ANNUAL AVERAGES
ALABAMA

	Civilian Labor Force	Employment	Unemployment	Rate
TOTAL	1,642,000	1,498,000	144,000	8.8
Men 16-19	80,000	66,000	14,000	17.5
Women 16-19	50,000	35,000	15,000	30.0
WHITE	1,235,000	1,155,000	80,000	6.5
Men 16-19	62,000	53,000	9,000	14.5
Women 16-19	36,000	31,000	5,000	13.9
BLACK AND OTHER	407,000	343,000	64,000	15.7
Men 16-19	18,000	13,000	5,000	27.8
Women 16-19	14,000	5,000	9,000	64.3

*This information is based on data collected for the Bureau of Labor Statistics by the Bureau of the Census as part of the Current Population Survey (CPS).
Due to rounding, figures may not add.

Table 8
CIVILIAN LABOR FORCE PROJECTIONS BY AGE, RACE, & SEX — July 1982*
ALABAMA

Age, Race & Sex	Labor Force	Unemployment	Unemployment Rate
STATE — TOTAL	1,695,000	135,600	8.0
16 — 17	55,106	15,474	28.1
18 — 19	82,500	19,484	23.6
20 — 24	240,633	37,320	15.5
25 — 34	482,235	31,352	6.5
35 — 44	351,471	15,226	4.3
45 — 64	433,555	14,736	3.4
65 & Over	49,500	2,008	4.1
WHITE MALES — TOTAL	749,153	34,210	4.6
16 — 17	24,416	5,379	22.0
18 — 19	32,772	3,694	11.3
20 — 24	96,970	7,238	7.5
25 — 34	211,860	7,606	3.6
35 — 44	155,369	4,339	2.8
45 — 64	204,757	5,252	2.6
65 & Over	23,009	702	3.1
WHITE FEMALES — TOTAL	553,400	40,526	7.3
16 — 17	16,487	3,566	21.6
18 — 19	26,599	5,187	19.5
20 — 24	68,027	7,619	11.2
25 — 34	153,462	12,563	8.2
35 — 44	134,435	6,687	5.0
45 — 64	141,828	4,539	3.2
65 & Over	12,562	365	2.9
NONWHITE MALES — TOTAL	199,299	23,588	11.8
16 — 17	7,518	2,831	37.7
18 — 19	12,207	3,821	31.3
20 — 24	34,552	7,147	20.7
25 — 34	59,894	5,189	8.7
35 — 44	30,429	1,557	5.1
45 — 64	45,637	2,382	5.2
65 & Over	9,062	661	7.3
NONWHITE FEMALES — TOTAL	193,148	37,276	19.3
16 — 17	6,685	3,698	55.3
18 — 19	10,922	6,782	62.1
20 — 24	41,084	15,316	37.3
25 — 34	57,019	5,994	10.5
35 — 44	31,238	2,643	8.5
45 — 64	41,333	2,563	6.2
65 & Over	4,867	279	5.8

* FY 1982 Projections, Lawrence Berkeley Laboratory, University of California at Berkeley.

Table 9
UNEMPLOYMENT RATES*
ALABAMA AND U.S.

Date	Unadjusted		Seasonally Adjusted	
	Alabama	U.S.	Alabama	U.S.
1970 Annual Average	5.9	4.9		
1971 Annual Average	5.5	5.9		
1972 Annual Average	4.5	5.6		
1973 Annual Average	4.5	4.9		
1974 Annual Average	5.5	5.6		
1975 Annual Average	7.7	8.5		
1976 Annual Average	6.8	7.7		
1977 Annual Average	7.4	7.0		
1978 Annual Average	6.4	6.0		
1979 Annual Average	7.1	5.8		
1980 Annual Average	8.8	7.1		
Monthly Rates for January 1980 — March 1981				
January 1980	7.9	6.8	7.4	6.2
February	7.8	6.8	7.5	6.2
March	8.0	6.6	7.7	6.3
April	7.6	6.6	8.2	6.9
May	8.5	7.0	9.1	7.6
June	9.5	7.8	9.0	7.5
July	10.7	7.9	9.8	7.6
August	9.8	7.5	9.8	7.6
September	9.1	7.1	9.5	7.4
October	8.8	7.1	9.4	7.6
November	8.7	7.1	9.1	7.5
December	8.5	6.9	8.7	7.4
January 1981	9.3	8.2	8.8	7.4
February	9.5	8.0	9.1	7.3
March[P]	9.2	7.7	8.9	7.3

* National Data — Bureau of Labor Statistics, department of Labor. State Data — Alabama Department of Industrial Relations, Research and Statistics Division. Adjusted to the 1980 Current Population survey Benchmark.
[P]Preliminary.

Table 10
CIVILIAN LABOR FORCE — 1970 — 1980*
(rounded to hundreds)
ALABAMA

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
						1970							
CIVILIAN LABOR FORCE	1291.8	1302.5	1314.2	1337.4	1354.8	1369.0	1358.0	1363.1	1386.2	1391.8	1378.9	1364.0	1351.0
Employment	1222.1	1227.0	1240.0	1265.1	1283.5	1274.6	1271.6	1281.8	1303.7	1308.6	1292.1	1281.9	1271.0
Unemployment	69.7	75.5	74.2	72.3	71.3	94.4	86.4	81.3	82.5	83.2	86.8	82.1	80.0
Unemployment Rate	5.4	5.8	5.6	5.4	5.3	6.9	6.4	6.0	6.0	6.0	6.3	6.0	5.9
						1971							
CIVILIAN LABOR FORCE	1325.7	1332.8	1343.6	1367.5	1386.6	1396.0	1386.0	1388.3	1400.5	1415.5	1394.0	1375.7	1376.0
Employment	1244.4	1251.8	1266.2	1296.3	1320.7	1313.4	1309.9	1314.6	1328.0	1342.2	1320.0	1304.7	1301.0
Unemployment	81.3	81.0	77.4	71.2	65.9	82.6	76.1	73.7	72.5	73.3	74.0	71.0	75.0
Unemployment Rate	6.1	6.1	5.8	5.2	4.8	5.9	5.5	5.3	5.2	5.2	5.3	5.2	5.5
						1972							
CIVILIAN LABOR FORCE	1347.8	1352.1	1367.9	1378.5	1398.4	1401.2	1392.2	1392.7	1404.6	1414.4	1385.0	1373.4	1383.0
Employment	1274.7	1282.4	1303.9	1315.6	1339.9	1331.8	1329.6	1335.8	1345.4	1356.8	1329.8	1318.4	1322.0
Unemployment	73.1	69.7	64.0	62.9	58.5	69.4	62.6	56.9	59.2	57.6	55.2	55.0	62.0
Unemployment Rate	5.4	5.2	4.7	4.6	4.2	5.0	4.5	4.1	4.2	4.1	4.0	4.0	4.5
						1973							
CIVILIAN LABOR FORCE	1343.9	1348.3	1359.2	1368.0	1392.2	1408.3	1404.3	1405.9	1410.3	1418.6	1397.2	1387.8	1387.0
Employment	1282.2	1285.5	1296.6	1310.5	1335.3	1334.2	1336.9	1343.9	1350.2	1358.2	1339.4	1327.1	1325.0
Unemployment	61.7	62.8	62.6	57.5	56.9	74.1	67.4	62.0	60.1	60.4	57.8	60.7	62.0
Unemployment Rate	4.6	4.7	4.6	4.2	4.1	5.3	4.8	4.4	4.3	4.3	4.1	4.4	4.5
						1974							
CIVILIAN LABOR FORCE	1363.5	1371.9	1380.5	1392.7	1405.6	1443.1	1431.2	1430.9	1430.4	1442.5	1440.2	1423.2	1414.0
Employment	1289.2	1296.8	1309.4	1322.6	1342.1	1361.3	1352.2	1356.7	1353.4	1361.8	1348.9	1325.5	1335.0
Unemployment	74.3	75.1	71.1	70.1	63.5	81.8	79.0	74.2	77.0	80.7	91.3	97.7	78.0
Unemployment Rate	5.5	5.5	5.2	5.0	4.5	5.7	5.5	5.2	5.4	5.6	6.3	6.9	5.5
						1975							
CIVILIAN LABOR FORCE	1393.0	1395.4	1400.6	1412.4	1438.0	1458.7	1480.7	1466.5	1459.5	1468.0	1455.0	1439.9	1439.0
Employment	1287.6	1279.3	1280.3	1300.8	1330.4	1338.6	1365.8	1356.3	1351.3	1361.6	1348.0	1335.9	1328.0
Unemployment	105.4	116.1	120.3	111.6	107.6	120.1	114.9	110.2	108.2	106.4	107.0	104.0	111.0
Unemployment Rate	7.6	8.3	8.6	7.9	7.5	8.2	7.8	7.5	7.4	7.3	7.4	7.2	7.7
						1976							
CIVILIAN LABOR FORCE	1437.7	1425.5	1436.5	1466.4	1477.1	1498.4	1517.2	1480.0	1476.6	1485.6	1495.5	1491.4	1474.0
Employment	1332.2	1322.4	1336.4	1370.9	1382.5	1390.8	1414.2	1384.6	1381.3	1388.3	1393.6	1390.8	1374.0
Unemployment	105.5	103.1	100.1	95.5	94.6	107.6	103.0	95.4	95.3	97.3	101.9	100.6	100.0
Unemployment Rate	7.3	7.2	7.0	6.5	6.4	7.2	6.8	6.4	6.5	6.6	6.8	6.7	6.8
						1977							
CIVILIAN LABOR FORCE	1474.0	1463.4	1487.4	1518.6	1538.9	1566.5	1584.0	1552.0	1554.3	1558.7	1554.4	1543.9	1533.0
Employment	1357.3	1337.2	1370.2	1409.4	1429.9	1445.7	1457.9	1438.8	1445.3	1452.3	1443.5	1440.6	1419.0
Unemployment	116.7	126.2	117.2	109.2	109.0	120.8	126.1	113.2	109.0	106.4	110.9	103.3	114.0
Unemployment Rate	7.9	8.6	7.9	7.2	7.1	7.7	8.0	7.3	7.0	6.8	7.1	6.7	7.4
						1978							
CIVILIAN LABOR FORCE	1525.3	1527.6	1548.2	1569.2	1588.9	1612.1	1627.0	1613.0	1611.1	1618.6	1606.5	1608.4	1588.0
Employment	1411.3	1421.8	1443.5	1477.9	1498.2	1505.7	1511.5	1514.1	1516.6	1523.9	1513.4	1506.0	1487.0
Unemployment	114.0	105.8	104.7	91.3	90.7	106.4	115.5	98.9	94.5	94.7	93.1	102.4	101.0
Unemployment Rate	7.5	6.9	6.8	5.8	5.7	6.6	7.1	6.1	5.9	5.9	5.8	6.4	6.4
						1979							
CIVILIAN LABOR FORCE	1573.4	1584.1	1598.7	1603.2	1633.8	1648.2	1649.8	1634.3	1646.6	1656.4	1638.4	1633.2	1625.0
Employment	1466.2	1471.6	1484.1	1499.0	1524.5	1521.0	1518.2	1517.6	1528.7	1541.5	1523.3	1512.4	1509.0
Unemployment	107.2	112.5	114.6	104.2	109.3	127.2	131.6	116.7	117.9	114.9	115.1	120.8	116.0
Unemployment Rate	6.8	7.1	7.2	6.5	6.7	7.7	8.0	7.1	7.2	6.9	7.0	7.4	7.1
						1980							
CIVILIAN LABOR FORCE	1605.1	1614.2	1622.8	1627.8	1660.0	1652.6	1666.1	1653.4	1653.0	1663.5	1648.6	1637.1	1642.0
Employment	1478.7	1487.7	1493.2	1503.6	1518.1	1495.8	1487.0	1492.1	1502.0	1516.3	1504.4	1497.2	1498.0
Unemployment	126.4	126.5	129.6	124.2	141.9	156.8	179.1	161.3	151.0	147.2	144.2	139.9	144.0
Unemployment Rate	7.9	7.8	8.0	7.6	8.5	9.5	10.7	9.8	9.1	8.8	8.7	8.5	8.8

*Place of residence basis. Employment and unemployment estimates have been adjusted to Current Population Survey benchmarks. New methodologies are employed, under the direction of the U.S. Department of Labor, Bureau of Labor Statistics.

METHODOLOGY FOR DEVELOPMENT OF OCCUPATIONAL PROJECTIONS

The 1976 and 1982 projections of occupational employment presented here were prepared by utilizing a matrix industry/occupational concept as introduced in *Tomorrow's Manpower Needs*, BLS Bulletin 1606 and its supplements. Four general steps were followed: (1) collection and estimation of occupational staffing patterns by industry; (2) development of projections of wage and salary employment by industry; (3) matrix development of matching occupational staffing patterns to projected industry growth (or decline); and (4) calculation of estimates of replacement requirements by occupation.

The procedure, technical assistance, and computer service support were provided by the U.S. Department of Labor, Bureau of Labor Statistics, as part of the Occupational Employment Statistics program.

Collection Activities

The OES Program generates occupational estimates on an industry-by-industry basis to determine job needs for occupational guidance and training purposes. Employers who have been randomly selected and stratified by industry and size provide occupational classification from a listing of detailed job descriptions. The entire nonagricultural economy is collected and estimated over a three-year cycle by state employment security agencies. Periodic publications of occupational estimates by industry are released by the Alabama Department of Industrial Relations after each survey is completed and analyzed. Collection activities began in 1973.

To elicit a high and accurate response, the collection instruments are tailored to the industry's occupational structure. Although each survey questionnaire is limited to a maximum of 200 occupations, total employment is collected in each industry. Data on small or unusual occupations are collected in appropriate residual categories, such as "all other engineers" and "all other laborers."

More than 1,800 specific occupations have been collected for almost 400 detailed industries. The industries are categorized by the *Standard Industrial Classification Manual* at the three- and four-digit industry level. The sample is drawn from the ES-202, an employment report of the unemployment insurance system. Self-employed and unpaid family workers are not included.

Development of Industrial Projections

All industries are adjusted to the base year, 1976, and projected to 1982. Occupational estimates, beginning with the 1974 survey of manufacturing, are incorporated along with survey data and other estimates until the nonagricultural economy is covered through 1976. Employment levels for each industrial series were developed using least squares regression and/or shift and share analysis and are projected to the target year of 1982. The final 1982 projected matrix ia a blend of the occupational structure in each industry applied to the projected industry trend to 1982, as exhibited by 15 to 20 years of employment movement at the detailed industry level. The estimates from the various OES surveys are adjusted to total employment for a single, standard reference date—in this case, annual average 1976 employment. In this procedure, OES survey

estimates are applied to industry controls from the Current Employment Statistics Program (790 series). After adjustment to annual average industry data, the survey estimates are processed through a computer system that interprets the analysts' decisions to disaggregate the residuals and regroup the data into the matrix format for the base year (1976) for 368 detailed industries and 74 summary level industries.

Matrix Development

To develop cross-industry estimates for each detailed occupation, the occupational content and size must be disaggregated from the residual category. For example, the total number of accountants would be the sum of accountants specifically collected (most industries) plus the accountants estimated in the "all other professional" category in the remaining industries. Since the content of the residual categories differs from industry to industry, the estimation of total employment by occupation through simple aggregation of the survey data is not possible. Employment in the residual categories must be partially disaggregated to specific OES survey-based matrix occupations before cross-industry estimates can be tabulated. In the disaggregation process, the residuals are proportioned out using state specific occupational patterns in the 1974 Census-based matrix.

The final matrix occupation list contains 1,574 detailed occupations and 219 summary level titles distributed among 368 detailed industries. Surveys of trade and federal, state and local government industries are based on industrial definitions contained in the 1972 Standard Industrial Classification (SIC) system. All other industrial sectors in this matrix are based on the 1967 SIC system.

The survey occupational titles are arranged into the Census-based matrix occupational grouping system and assigned a coding structure similar to that used in the Census-based matrix, which is already familiar to many of the users of the data.

Each OES occupational title was assigned to a Census occupational group (3-digit code). Documents used in making these analytical decisions are: the OES survey dictionary, the *Dictionary of Occupational Titles* (3rd edition), and the *Census Classified* and *Alphabetical Indexes*.

Replacement Demand

The replacement demand data shown in the tables are estimates of the average number of workers that will be required each year during the projection period to replace workers who die, retire, or leave the labor force for other reasons, such as disability or family responsibilities. These estimates are based on separation rates by age and sex derived from national mortality and working life tables, which were applied to the age and sex distribution of the state's labor force by occupation. The resulting separation rate for each occupation was applied to interpolated employment for 1980. The rates do not reflect job openings due to labor turnover or occupational mobility. Statewide rates were used in estimating replacement needs for SMSA's.

Table 11
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION : 1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
TOTAL, ALL OCCUPATIONS	0	1205440	100.00	1402180	100.00
PROFESS, TECHN, & KINDRED WORKERS	10000000	180470	14.97	207530	14.80
ENGINEERS	10020000	14490	1.20	16750	1.19
AERO-ASTRONAUTIC ENGINEERS	10020200	1580	0.13	1670	0.12
CHEMICAL ENGINEERS	10020400	560	0.05	650	0.05
CIVIL ENGINEERS	10020600	2290	0.19	2650	0.19
ELECTRICAL ENGINEERS	10020800	3310	0.27	3920	0.28
INDUSTRIAL ENGINEERS	10021000	1210	0.10	1410	0.10
MECHANICAL ENGINEERS	10021200	1880	0.16	2280	0.16
METALLURGICAL ENGINEERS	10021400	170	0.01	190	0.01
MINING ENGINEERS	10021600	230	0.02	270	0.02
PETROLEUM ENGINEERS	10021800	160	0.01	190	0.01
OTHER ENGINEERS	10022000	3100	0.26	3520	0.25
TRAFFIC ENGINEERS	10022003	40	0.00	50	0.00
LIFE & PHYSICAL SCIENTISTS	10040000	2220	0.18	2470	0.18
AGRICULTURAL SCIENTISTS	10040200	100	0.01	100	0.01
ATMOSPHERIC SCIENTISTS	10040400	30	0.00	30	0.00
LIFE SCIENTISTS	10040600	430	0.04	490	0.03
BIOLOGICAL SCIENTISTS	10040601	400	0.03	460	0.03
MEDICAL SCIENTISTS	10040602	30	0.00	30	0.00
CHEMISTS	10040800	870	0.07	990	0.07
GEOLOGISTS	10041000	100	0.01	110	0.01
PHYSICISTS	10041400	270	0.02	290	0.02
LIFE, PHYSICAL SCIENTISTS, NEC	10041600	420	0.03	460	0.03
MATHEMATICAL SPECIALISTS	10060000	570	0.05	630	0.04
MATHEMATICAL SCIENTISTS	10060400	340	0.03	360	0.03
MATHEMATICIANS	10060402	260	0.02	280	0.02
ALL OTHER MATH SCIENTISTS	10060403	80	0.01	80	0.01
STATISTICIANS	10060600	240	0.02	260	0.02
ENGINEERING, SCIENCE TECHNS	10080000	14490	1.20	17160	1.22
DRAFTERS	10080600	3750	0.31	4720	0.34
ELECTRICAL, ELECTRONIC TECHNS	10080800	3180	0.26	3780	0.27
ELECTRICAL & ELECTRONIC TECHNS	10080803	2940	0.24	3530	0.25
BROADCAST TECHNICIANS	10080808	210	0.02	230	0.02

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
MATHEMATICAL TECHNICIANS	10081200	50	0.00	60	0.00
MECHANICAL ENGINEERING TECHNS	10081400	610	0.05	670	0.05
SURVEYORS	10081600	1120	0.09	1330	0.10
ENGINEERING, SCIENCE TECHNS, NEC	10081800	5780	0.48	6600	0.47
TIMBER CRUISERS	10081808	160	0.01	170	0.01
TRAFFIC TECHNICIANS	10081813	110	0.01	130	0.01
ALL OTHER ENG TECHNS	10081898	4030	0.33	4570	0.33
ALL OTHER SCIENCE TECHNICIANS	10081899	1480	0.12	1730	0.12
MEDICAL WORKERS, EX TECHNS	10100000	16320	1.35	20780	1.48
CHIROPRACTORS	10100200	70	0.01	100	0.01
DENTISTS	10100400	480	0.04	750	0.05
DIETITIANS	10100600	710	0.06	870	0.06
NURSES & PHYSICIANS ASSTS	10100800	9930	0.82	12670	0.90
NURSES, PROFESSIONAL	10100801	9710	0.81	12380	0.88
PHYSICIANS ASSISTANTS	10100803	220	0.02	290	0.02
OPTOMETRISTS	10101000	30	0.00	40	0.00
PHARMACISTS	10101200	1850	0.15	2170	0.15
PHYSICIANS, MED & OSTEOPATH	10101400	2590	0.21	3380	0.24
THERAPISTS	10101800	580	0.05	720	0.05
OCCUPATIONAL THERAPISTS	10101801	90	0.01	110	0.01
SPEECH & HEARING CLINICIANS, ETC	10101803	170	0.01	190	0.01
PHYSICAL THERAPISTS	10101804	210	0.02	270	0.02
INHALATION THERAPISTS	10101809	100	0.01	130	0.01
VETERINARIANS	10102000	80	0.01	80	0.01
HEALTH TECHNOLS & TECHNS	10120000	17040	1.41	22680	1.62
CLINICAL LAB TECHNOLS, TECHNS	10120200	2450	0.20	3210	0.23
MEDICAL LAB TECHNOLOGISTS	10120201	1130	0.09	1460	0.10
CYTOTECHNOLOGISTS	10120204	30	0.00	40	0.00
HISTOLOGIC TECHNOLOGISTS	10120205	30	0.00	30	0.00
MEDICAL LAB ASSISTANTS	10120206	1260	0.10	1670	0.12
DENTAL HYGIENISTS & ASSISTANTS	10120400	2120	0.18	3460	0.25
DENTAL ASSISTANTS	10120401	1380	0.11	2260	0.16
DENTAL HYGIENISTS	10120402	740	0.06	1200	0.09
HEALTH RECORD TECHNOLS, TECHNS	10120600	490	0.04	630	0.04

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
RADIOLOGIC TECHNOLS, TECHNS	10120800	1430	0.12	1850	0.13
X-RAY TECHNICIANS	10120801	1230	0.10	1620	0.12
NUCLEAR MEDICINE TECHNOLOGISTS	10120802	120	0.01	140	0.01
RADIATION THERAPY TECHNOLOGISTS	10120803	80	0.01	90	0.01
OTHER HEALTH TECHNOLS, TECHNS	10121000	10550	0.88	13530	0.96
SURGICAL TECHNICIANS	10121002	440	0.04	570	0.04
EKG TECHNICIANS	10121006	240	0.02	300	0.02
EEG TECHNICIANS	10121007	40	0.00	50	0.00
PHARMACY HELPERS	10121009	460	0.04	600	0.04
LICENSED PRACTICAL NURSES	10121010	8290	0.69	10740	0.77
ALL OTHER MED & DENT TECHNS	10121099	1080	0.09	1270	0.09
TECHNICIANS, EX HEALTH OR S & E	10140000	2840	0.24	3190	0.23
AIRPLANE PILOTS	10140200	550	0.05	620	0.04
AIR TRAFFIC CONTROLLERS	10140400	350	0.03	370	0.03
EMBALMERS	10140600	190	0.02	180	0.01
RADIO OPERATORS	10141000	90	0.01	100	0.01
TOOL PROGRAMMERS, NUMERICAL CONT	10141200	40	0.00	40	0.00
OTHER TECHNS, EX HEALTH OR S & E	10141400	1620	0.13	1880	0.13
COMPUTER SPECIALISTS	10160000	3450	0.29	4030	0.29
COMPUTER PROGRAMMERS	10160200	1490	0.12	1770	0.13
COMPUTER SYSTEMS ANALYSTS	10160400	1960	0.16	2260	0.16
SOCIAL SCIENTISTS	10180000	800	0.07	920	0.07
ECONOMISTS	10180200	230	0.02	260	0.02
PSYCHOLOGISTS	10180600	250	0.02	310	0.02
URBAN & REGIONAL PLANNERS	10181000	90	0.01	90	0.01
OTHER SOCIAL SCIENTISTS	10181200	230	0.02	260	0.02
TEACHERS	10200000	56530	4.69	60830	4.34
ADULT EDUCATION TEACHERS	10201000	2800	0.23	3040	0.22
COLLEGE & UNIVERSITY TEACHERS	10202000	8110	0.67	8720	0.62
TEACHERS, COLLEGE	10202002	6230	0.52	6690	0.48
GRADUATE ASSISTANTS	10202003	1800	0.15	1940	0.14
EXTENSION SERVICE SPECIALISTS	10202004	80	0.01	90	0.01
ELEMENTARY SCHOOL TEACHERS	10203000	22810	1.89	24510	1.75

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
PRESCHOOL, KINDERGTN TEACHERS	10204000	3410	0.28	3700	0.26
SECONDARY SCHOOL TEACHERS	10205000	17050	1.41	18330	1.31
TEACHERS, NEC	10206000	2350	0.19	2530	0.18
DANCE INSTRUCTORS	10206001	100	0.01	110	0.01
ALL OTHER TEACHERS	10206099	2250	0.19	2420	0.17
WRITERS, ARTISTS, & ENTERTAINERS	10220000	7520	0.62	8470	0.60
ACTORS	10220200	40	0.00	40	0.00
ATHLETES & KINDRED WORKERS	10220400	160	0.01	180	0.01
SPORTS INSTRUCTORS	10220403	150	0.01	170	0.01
DESIGNERS	10221000	1820	0.15	2140	0.15
EDITORS & REPORTERS	10221200	1550	0.13	1800	0.13
WRITERS &/OR EDITORS	10221201	900	0.07	1040	0.07
FILM EDITORS	10221202	30	0.00	30	0.00
REPORTERS & CORRESPONDENTS	10221203	620	0.05	730	0.05
MUSICIANS	10221400	1880	0.16	2010	0.14
PHOTOGRAPHERS	10221800	550	0.05	590	0.04
PHOTOGRAPHERS	10221801	500	0.04	530	0.04
TELEVISION CAMERA OPERATORS	10221802	50	0.00	60	0.00
PUBLIC RELATIONS SPECIALISTS	10222000	670	0.06	770	0.06
RADIO, TV ANNOUNCERS	10222200	850	0.07	940	0.07
ANNOUNCERS	10222201	780	0.06	860	0.06
BROADCAST NEWS ANALYSTS	10222202	70	0.01	80	0.01
OTHER PROFESSIONAL & TECHN WKRS	10240000	44200	3.67	49620	3.54
ACCOUNTANTS	10240200	7770	0.64	9010	0.64
ACCOUNTANTS & AUDITORS	10240201	6630	0.55	7730	0.55
TAX EXAMINERS, COLLECTRS, REV AGT	10240203	720	0.06	780	0.06
TAX PREPARERS	10240204	420	0.04	500	0.04
ARCHITECTS	10240400	300	0.02	370	0.03
BUYERS & PURCHASING AGENTS	10240800	5030	0.42	5750	0.41
PURCHASING AGENTS &/OR BUYERS	10240801	2150	0.18	2470	0.18
MEDIA BUYERS	10240803	30	0.00	40	0.00
BUYERS, RETAIL &/OR WHOLSL TRADE	10240804	2820	0.23	3210	0.23
CLERGY	10241000	8960	0.74	9440	0.67
FORESTERS	10241600	210	0.02	220	0.02

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
JUDGES	10242000	730	0.06	820	0.06
JUDGES	10242001	640	0.05	720	0.05
MAGISTRATES	10242002	90	0.01	100	0.01
LAWYERS & KINDRED WORKERS	10242200	1790	0.15	2080	0.15
LAW CLERKS	10242201	300	0.02	350	0.02
LAWYERS	10242202	1390	0.12	1620	0.12
PARALEGAL PERSONNEL	10242203	100	0.01	110	0.01
LIBRARIANS	10242400	2150	0.18	2330	0.17
LIBRARIANS	10242401	1970	0.16	2140	0.15
AUDIO VISUAL SPECIALISTS	10242402	180	0.01	190	0.01
PERSONNEL, LABOR REL SPECIALISTS	10242800	2310	0.19	2660	0.19
PERSONNEL, LABOR REL SPECIALISTS	10242802	1760	0.15	2000	0.14
EMPLOYMENT INTERVIEWERS	10242803	550	0.05	660	0.05
RECREATION WORKERS	10243200	590	0.05	660	0.05
SOCIAL WORKERS	10243400	3180	0.26	3670	0.26
CASEWORKERS	10243401	2740	0.23	3170	0.23
WELFARE INVESTIGATORS	10243404	380	0.03	430	0.03
COMMUNITY ORGANIZATION WORKERS	10243405	60	0.00	70	0.00
VOCATIONAL, EDUC COUNSELORS	10243600	1450	0.12	1560	0.11
ALL OTHER PROFESSIONAL WORKERS	10243800	9730	0.81	11050	0.79
TECHNICAL DIRECTORS	10243802	60	0.00	60	0.00
SAFETY INSPECTORS	10243804	90	0.01	100	0.01
UNDERWRITERS	10243805	560	0.05	600	0.04
COST ESTIMATORS	10243808	1170	0.10	1500	0.11
CREDIT ANALYSTS, CHIEF	10243809	150	0.01	180	0.01
CREDIT ANALYSTS	10243810	360	0.03	430	0.03
TITLE EXAMINERS &/OR ABSTRACTORS	10243811	60	0.00	60	0.00
INVESTIGATORS, INSURANCE	10243815	70	0.01	80	0.01
APPRAISERS, REAL ESTATE	10243816	140	0.01	150	0.01
ASSESSORS	10243817	130	0.01	150	0.01
CLAIM TAKERS, UNEMP BENEFITS	10243818	690	0.06	780	0.06
SPECIAL AGENTS, INSURANCE	10243820	190	0.02	210	0.01
TRAVEL AGTS, TR ACCOM APPRAISERS	10243821	50	0.00	60	0.00
CLAIM EXAMINERS, PRPTY/CSLTY INS	10243822	110	0.01	120	0.01

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
MANAGERS & OFFICIALS	20000000	91870	7.62	106740	7.61
SALES MANAGERS	20020000	2740	0.23	3120	0.22
ADMINISTRATORS, PUB INSPECTORS	20040000	2950	0.25	3210	0.23
CONSTRUCTION INSPECTORS, PUB ADM	20040400	660	0.05	730	0.05
INSPECTORS, EX CONST, PUB ADM	20040800	1700	0.14	1860	0.13
POSTMASTERS & MAIL SUPERINTS	20041200	590	0.05	620	0.04
OTHER MANAGERS & OFFICIALS	20060000	86180	7.15	100410	7.16
RAILROAD CONDUCTORS	20061200	750	0.06	780	0.06
OTHER MGRS, ADMINISTRATORS	20061600	85430	7.09	99630	7.11
MANAGERS, STORE	20061612	11990	0.99	13480	0.96
MANAGERS, AUTO SERVICE DEPT	20061613	750	0.06	840	0.06
MANAGERS, AUTO PARTS DEPT	20061614	540	0.04	600	0.04
WHOLESALERS	20061615	2490	0.21	2840	0.20
ALL OTHER MANAGERS	20061699	69660	5.78	81870	5.84
SALES WORKERS	30000000	67800	5.62	77460	5.52
INSURANCE AGENTS, BROKERS, ETC	30001000	5970	0.50	6370	0.45
REAL ESTATE AGENTS, BROKERS	30001400	770	0.06	810	0.06
REAL ESTATE BROKERS	30001402	70	0.01	70	0.00
SALES AGENTS, SALES REPS, REAL EST	30001403	680	0.06	720	0.05
STOCK & BOND SALES AGENTS	30001600	310	0.03	390	0.03
OTHER SALES WORKERS	30001800	60760	5.04	69890	4.98
SALES CLERKS	30001802	33860	2.81	38930	2.78
CRATING & MOVING ESTIMATORS	30001805	80	0.01	100	0.01
CLERICAL WORKERS	40000000	203500	16.88	234640	16.73
STENOS, TYPISTS, SECRETARIES	40020000	42150	3.50	48470	3.46
SECRETARIES	40020200	25380	2.11	29420	2.10
STENOGRAPHERS	40020400	5420	0.45	6100	0.44
TYPISTS	40020600	11350	0.94	12950	0.92
OFFICE MACHINE OPERATORS	40040000	10170	0.84	12020	0.86
BOOKKEEPING, BILLING OPERATORS	40040200	4010	0.33	4850	0.35
BOOKKEEPING/BILLING MACHINE OPS	40040201	3120	0.26	3700	0.26
PROOF MACHINE OPERATORS	40040202	810	0.07	1040	0.07
TRANSIT CLERKS	40040203	80	0.01	110	0.01
COMPUTER, PERIPHERAL EQUIP OPS	40040600	1790	0.15	2100	0.15

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
COMPUTER OPERATORS	40040601	1640	0.14	1930	0.14
PERIPHERAL EDP EQUIP OPERATORS	40040602	150	0.01	170	0.01
DUPLICATING MACHINE OPERATORS	40040800	370	0.03	420	0.03
KEYPUNCH OPERATORS	40041000	3300	0.27	3810	0.27
TABULATING MACHINE OPERATORS	40041200	120	0.01	140	0.01
ALL OTHER OFFICE MACHINE OPS	40041400	580	0.05	700	0.05
OTHER CLERICAL WORKERS	40060000	151180	12.54	174150	12.42
BANK TELLERS	40060200	5620	0.47	7110	0.51
NEW ACCOUNTS TELLERS	40060201	430	0.04	540	0.04
TELLERS	40060203	5190	0.43	6570	0.47
BOOKKEEPERS	40060600	17140	1.42	20090	1.43
ACCOUNTING CLERKS	40060601	5930	0.49	6880	0.49
BOOKKEEPERS, HAND	40060603	11210	0.93	13210	0.94
CASHIERS	40060800	18320	1.52	20760	1.48
ELIGIBILITY WORKERS, WELFARE	40061000	360	0.03	400	0.03
CLERICAL SUPERVISORS	40061200	3680	0.31	4290	0.31
COLLECTORS, BILL & ACCOUNT	40061400	1060	0.09	1290	0.09
COUNTER CLERKS, EX FOOD	40061600	3400	0.28	3900	0.28
CAR RENTAL CLERKS	40061601	250	0.02	310	0.02
DESK CLERKS	40061603	920	0.08	1030	0.07
ORDER CLERKS	40061604	1890	0.16	2170	0.15
CIRCULATION CLERKS	40061605	140	0.01	170	0.01
TELEPHONE AD TAKERS, NEWSPAPER	40061607	40	0.00	50	0.00
DESK CLERKS, BOWLING FLOOR	40061608	120	0.01	140	0.01
DISPATCHERS, STARTERS, VEHICLE	40061800	860	0.07	960	0.07
SURVEY WORKERS	40062000	30	0.00	40	0.00
ESTIMATORS, INVESTIGATORS, NEC	40062200	2080	0.17	2380	0.17
ADJUSTMENT CLERKS	40062208	370	0.03	420	0.03
CHECKING CLERKS	40062209	120	0.01	150	0.01
CLAIMS CLERKS	40062210	1140	0.09	1220	0.09
CREDIT REPORTERS	40062211	290	0.02	390	0.03
LOAN CLOSERS, NEW CONSTRUCTION	40062212	140	0.01	160	0.01
PRODUCTION CLERKS	40062400	1950	0.16	2250	0.16
FILE CLERKS	40062600	3560	0.30	4180	0.30

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
FILE CLERKS	40062601	2310	0.19	2790	0.20
PERSONNEL CLERKS	40062602	1210	0.10	1350	0.10
ADMISSIONS EVALUATORS	40062603	40	0.00	40	0.00
CLAIM ADJUSTERS	40062800	1710	0.14	1810	0.13
CLAIM EXAMINERS, INSURANCE	40062801	110	0.01	120	0.01
CLAIM ADJUSTERS	40062803	1600	0.13	1690	0.12
LIBRARY ASSISTANTS	40063000	1260	0.10	1360	0.10
MAIL CARRIERS, POSTAL SERVICE	40063200	5920	0.49	6180	0.44
MESSENGERS & OFFICE HELPERS	40063600	190	0.02	230	0.02
MESSENGERS	40063602	170	0.01	210	0.01
METER READERS, UTILITIES	40063800	740	0.06	830	0.06
PAYROLL, TIMEKEEPING CLERKS	40064000	2610	0.22	3040	0.22
POSTAL CLERKS	40064200	1260	0.10	1320	0.09
PROOFREADERS	40064400	130	0.01	160	0.01
RECEPTIONISTS	40064800	6920	0.57	8540	0.61
RECEPTIONISTS	40064802	4580	0.38	5780	0.41
SWITCHBD OPS/RECEPTIONISTS	40064803	2340	0.19	2760	0.20
SHIPPING, RECEIVING CLERKS	40065000	10030	0.83	11480	0.82
SHIPPING, RECEIVING CLERKS	40065001	5050	0.42	5880	0.42
SHIPPING PACKERS	40065002	4970	0.41	5590	0.40
STATISTICAL CLERKS	40065200	1050	0.09	1160	0.08
BROKERAGE CLERKS	40065205	30	0.00	40	0.00
RATERS	40065209	520	0.04	560	0.04
WORKSHEET CLERKS	40065212	60	0.00	60	0.00
TALLY CLERKS, SAW MILL	40065215	90	0.01	100	0.01
COURT CLERKS	40065216	270	0.02	300	0.02
INSURANCE CHECKERS	40065217	70	0.01	80	0.01
STOCK CLERKS, STOREKEEPERS	40065400	9290	0.77	10750	0.77
PROCUREMENT CLERKS	40065402	490	0.04	550	0.04
STOCK CLERKS, STOCKRM, WAREHS, ETC	40065404	8750	0.73	10150	0.72
YARD CLERKS	40065405	50	0.00	50	0.00
TELEGRAPH OPERATORS	40066000	130	0.01	140	0.01
TELEPHONE OPERATORS	40066200	4860	0.40	5700	0.41
SWITCHBOARD OPERATORS	40066201	2190	0.18	2700	0.19

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
CENTRAL OFFICE OPERATORS	40066202	2460	0.20	2760	0.20
DIRECTORY ASSISTANCE OPERATORS	40066203	100	0.01	110	0.01
PRIVATE BRANCH SERVICE ADVISORS	40066204	50	0.00	60	0.00
SERVICE OBSERVERS	40066205	60	0.01	70	0.00
TICKET, STATION, EXPRESS AGENTS	40066400	340	0.03	370	0.03
STATION AGENTS	40066401	110	0.01	110	0.01
TRANSPORTATION AGENTS	40066404	230	0.02	260	0.02
WEIGHERS	40066600	740	0.06	840	0.06
ALL OTHER CLERICAL WORKERS	40066800	45940	3.81	52580	3.75
CALL-OUT OPERATORS	40066804	90	0.01	130	0.01
GENERAL CLERKS, OFFICE	40066811	25490	2.11	29120	2.08
IN-FILE OPERATORS	40066812	160	0.01	220	0.02
POLICY CHANGE CLERKS	40066815	250	0.02	270	0.02
REAL ESTATE CLERKS	40066818	240	0.02	250	0.02
SAFE DEPOSIT CLERKS	40066820	60	0.01	80	0.01
STATEMENT CLERKS	40066823	360	0.03	460	0.03
TRAFFIC CLERKS	40066826	110	0.01	120	0.01
SHADE TICKET MARKERS	40066834	150	0.01	170	0.01
SERVICE REPRESENTATIVES	40066835	540	0.04	610	0.04
RATE CLERKS, FREIGHT	40066838	180	0.01	200	0.01
TOWN CLERKS	40066840	440	0.04	490	0.03
MORTGAGE CLOSING CLERKS	40066842	240	0.02	290	0.02
SORTING CLERKS, BANK	40066844	30	0.00	40	0.00
INSURANCE CLERKS	40066845	70	0.01	90	0.01
INSURANCE CLERKS, MEDICAL	40066846	950	0.08	1300	0.09
ALL OTHER OFFICE CLERICAL	40066898	7310	0.61	8550	0.61
ALL OTHER PLANT CLERICAL	40066899	9180	0.76	10110	0.72
CRAFTS & KINDRED WORKERS	50000000	162730	13.50	190990	13.62
CONSTRUCTION CRAFTS WKRS	50020000	41410	3.44	50920	3.63
CARPENTERS	50020200	10370	0.86	12600	0.90
CARPENTERS	50020201	9870	0.82	11880	0.85
ROOF BOLTERS	50020202	390	0.03	600	0.04
SHIPWRIGHTS	50020204	40	0.00	40	0.00
PICTURE FRAMERS	50020205	70	0.01	80	0.01

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
BRICK MASONS & STONE MASONS	50020600	1820	0.15	2280	0.16
BRICKLAYERS	50020601	1340	0.11	1740	0.12
STONE MASONS	50020602	160	0.01	190	0.01
REFRACTORY MATERIALS REPAIRERS	50020606	320	0.03	350	0.03
BULLDOZER OPERATORS	50021000	850	0.07	940	0.07
CEMENT & CONCRETE FINISHERS	50021200	1400	0.12	1770	0.13
CEMENT MASONS	50021201	1350	0.11	1700	0.12
CONCRETE RUBBERS	50021203	30	0.00	40	0.00
ELECTRICIANS	50021400	6950	0.58	8630	0.62
EXCAVATING, GRADING MACH OPS	50021800	9160	0.76	11400	0.81
CONCRETE MIXER OPERATORS	50021802	50	0.00	60	0.00
DREDGE OPERATORS	50021803	200	0.02	230	0.02
HEAVY EQUIPMENT OPERATORS	50021807	8610	0.71	10770	0.77
BATCH PLANT OPERATORS	50021809	200	0.02	230	0.02
BALLAST CLEAN MACH OPERATORS, ETC	50021810	90	0.01	90	0.01
FLOOR SANDING MACHINE OPERATORS	50022000	80	0.01	100	0.01
PAINTERS, CONSTRUCTION, MAINT	50022200	3390	0.28	4060	0.29
PAPERHANGERS	50022600	30	0.00	40	0.00
PLASTERERS	50022800	120	0.01	160	0.01
PLUMBERS & PIPEFITTERS	50023200	4850	0.40	5900	0.42
FITTERS, PIPELAYING	50023202	470	0.04	580	0.04
PLUMBERS &/OR PIPEFITTERS	50023203	4380	0.36	5320	0.38
ROOFERS	50023600	790	0.07	1060	0.08
STRUCTURAL STEEL WORKERS	50023800	1170	0.10	1410	0.10
TILE SETTERS	50024000	430	0.04	570	0.04
TILE SETTERS	50024001	220	0.02	300	0.02
CEILING TILE INSTALLRS, FLR LAYRS	50024002	210	0.02	270	0.02
SUPERVISORS, NONWORKING	50040003	21730	1.80	25280	1.80
METALWKG CRAFTS WKRS, EX MECH	50060000	14760	1.22	17600	1.26
BLACKSMITHS	50060200	40	0.00	40	0.00
BOILERMAKERS	50060400	860	0.07	960	0.07
HEAT TREATERS, ANNEALERS, ETC	50060600	190	0.02	200	0.01
FORGE & HAMMER OPERATORS	50060800	160	0.01	190	0.01
FORGING PRESS OPERATORS	50060802	90	0.01	110	0.01

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
HEADER OPERATORS	50060804	50	0.00	60	0.00
JOB & DIE SETTERS, METAL	50061000	680	0.06	890	0.06
MACHINE TOOL SETTERS, METALWRKING	50061003	420	0.04	560	0.04
PUNCH PRESS SETTERS, METAL	50061007	240	0.02	300	0.02
MACHINISTS	50061200	5190	0.43	6080	0.43
LAYOUT MARKERS, METAL	50061202	510	0.04	620	0.04
MACHINISTS	50061206	4680	0.39	5460	0.39
MILLWRIGHTS	50061600	1350	0.11	1580	0.11
MOLDERS, METAL	50061800	1430	0.12	1710	0.12
MOLDERS, BENCH &/OR FLOOR	50061804	440	0.04	540	0.04
MOLDERS, MACHINE (METAL)	50061805	940	0.08	1120	0.08
MOLDERS, PATTERN	50061806	30	0.00	40	0.00
ROLLERS & FINISHERS, METAL	50062400	700	0.06	690	0.05
FORGING/STRAIGHTENING ROLL OPS	50062403	40	0.00	50	0.00
GUIDE SETTERS	50062404	70	0.01	70	0.01
MANIPULATORS, ROLLING	50062405	30	0.00	30	0.00
ROLLERS, PRIMARY MILL	50062408	40	0.00	40	0.00
ROLLING MILL OPS, ROUGH OR FINISH	50062410	420	0.03	390	0.03
SEAMLESS TUBE ROLLERS	50062413	90	0.01	100	0.01
SHEET METAL WORKERS, TINSMITHS	50062600	3510	0.29	4420	0.31
TOOLMAKERS & DIEMAKERS	50063000	650	0.05	840	0.06
MECHS, REPAIRERS, INSTALLERS	50080000	37180	3.08	42190	3.01
AIR COND, HEATING, REFRIG MECHS	50080200	1820	0.15	2250	0.16
REFRIG MECHANICS, A/C MECHANICS	50080201	1610	0.13	1970	0.14
FURNACE INSTALLERS & REPAIRERS	50080202	200	0.02	250	0.02
AIRCRAFT MECHANICS	50080400	1510	0.12	1710	0.12
AUTO SEAT COVER, TOP INSTALLERS	50080600	120	0.01	150	0.01
AUTO BODY REPAIRERS	50080800	1360	0.11	1550	0.11
AUTO MECHANICS	50081000	11420	0.95	12970	0.93
AUTOMOTIVE MECHANICS	50081001	11300	0.94	12840	0.92
AUTO REPAIR SERVICE ESTIMATORS	50081003	120	0.01	130	0.01
DATA PROCESSING MACH MECHANICS	50081400	70	0.01	90	0.01
FARM EQUIPMENT MECHANICS	50081600	280	0.02	320	0.02
HEAVY EQUIP MECHS, INCL DIESEL	50081800	9530	0.79	10840	0.77

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
ENGINEERING EQUIP MECHANICS	50081803	2170	0.18	2430	0.17
HYDROELECTRIC MACHINE MECHS, ETC	50081804	270	0.02	310	0.02
MINE MACHINERY MECHANICS	50081805	330	0.03	500	0.04
MARINE MECHANICS/REPAIRERS	50081806	80	0.01	80	0.01
MAINTENANCE MECHANICS	50081807	5090	0.42	5860	0.42
KNITTING MACHINE FIXERS	50081811	270	0.02	280	0.02
MACHINE ADJUSTERS	50081813	40	0.00	40	0.00
SECTION REPAIRERS & SETTERS	50081814	1260	0.10	1310	0.09
HOUSEHOLD APPLIANCE MECHANICS	50082000	940	0.08	1070	0.08
ELECTRIC METER INSTALLERS, ETC	50082002	140	0.01	160	0.01
GAS METER INSTALLERS	50082004	40	0.00	40	0.00
HOUSEHOLD APPLIANCE INSTALLERS	50082007	190	0.02	210	0.02
WATER METER INSTALLERS	50082009	70	0.01	90	0.01
HOUSEHOLD APPLIANCE REPAIRERS	50082012	500	0.04	570	0.04
LOOM FIXERS	50082200	1420	0.12	1530	0.11
OFF MACH SERVICERS/CASH REG SERV	50082400	510	0.04	590	0.04
RADIO, TELEVISION REPAIRERS	50082600	610	0.05	670	0.05
RADIO MECHANICS	50082601	60	0.00	60	0.00
TV SERVICERS & REPAIRERS, ETC	50082602	560	0.05	610	0.04
RAILROAD CAR SHOP REPAIRERS	50082800	830	0.07	860	0.06
SIGNAL MAINTAINERS	50082802	100	0.01	110	0.01
CAR REPAIRERS	50082803	710	0.06	730	0.05
OTHER MECHANICS & REPAIRERS	50083200	6760	0.56	7590	0.54
CAMERA REPAIRERS	50083203	30	0.00	30	0.00
ELECTRIC MOTOR REPAIRERS	50083204	350	0.03	400	0.03
ELECTRIC TOOL REPAIRERS	50083205	30	0.00	30	0.00
GASOLINE ENGINE, MOWER REPAIRERS	50083207	30	0.00	40	0.00
GUNSMITHS	50083208	190	0.02	190	0.01
INSTRUMENT REPAIRERS, OPTICAL	50083210	190	0.02	200	0.01
LOCKSMITHS	50083212	60	0.01	70	0.00
COIN MACHINE SERVICERS, REPAIRERS	50083215	310	0.03	350	0.02
SEWING MACHINE MECHANICS	50083218	610	0.05	680	0.05
PROTECTIVE SIGNAL INST/REPAIRERS	50083220	60	0.00	80	0.01
INSTRUMENT REPAIRERS	50083221	750	0.06	850	0.06

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
DIESEL MECHANICS	50083222	1000	0.08	1160	0.08
ELECTROMEDICAL EQUIPMT REPAIRERS	50083224	50	0.00	60	0.00
PINSETTER MECHANICS, AUTOMATIC	50083225	70	0.01	80	0.01
SIGN ERECTORS	50083230	40	0.00	40	0.00
PRINTING TRADE CRAFTS WKRS	50100000	3490	0.29	4090	0.29
BOOKBINDERS	50100200	480	0.04	540	0.04
BOOKBINDERS	50100201	70	0.01	80	0.01
SETTERS, BINDERY MACHINE	50100202	60	0.00	70	0.00
BINDERY WORKERS	50100203	350	0.03	390	0.03
COMPOSITORS & TYPESETTERS	50100400	1110	0.09	1300	0.09
COMPOSITORS &/OR TYPESETTERS	50100401	40	0.00	50	0.00
HAND COMPOSITORS	50100403	160	0.01	190	0.01
IMPOSERS & MAKEUP ARRANGERS	50100404	210	0.02	250	0.02
LINECASTING MACHINE OPERATORS	50100405	150	0.01	170	0.01
LUDLOW MACHINE OPERATORS	50100407	30	0.00	30	0.00
PHOTOTYPESETTING MACH MONITORS	50100409	30	0.00	40	0.00
STRIKE-ON MACHINE OPERATORS	50100412	80	0.01	90	0.01
LINECASTING MACH KEYBD OPERATORS	50100414	110	0.01	130	0.01
PASTEUP MEN/WOMEN	50100416	170	0.01	200	0.01
PHOTOTYPESETTING MACH KEYBD OPS	50100417	100	0.01	120	0.01
ELECTROTYPERS, STEREOTYPERS	50100600	60	0.01	70	0.01
ENGRAVERS, EX PHOTOENGRAVERS	50100800	50	0.00	60	0.00
PHOTOENGRAVERS, LITHOGRAPHERS	50101000	320	0.03	370	0.03
STRIPPERS	50101001	80	0.01	90	0.01
CAMERA OPERATORS, PRINTING	50101002	170	0.01	190	0.01
PHOTOENGRAVERS	50101003	70	0.01	90	0.01
PRESS & PLATE PRINTERS	50101200	1470	0.12	1750	0.12
PRESS OPERATORS, PLATE PRINTERS	50101201	300	0.02	410	0.03
OFFSET LITHOGRAPHIC PRESS OPS	50101202	720	0.06	810	0.06
PLATEMAKERS	50101203	80	0.01	90	0.01
LETTERPRESS OPERATORS	50101207	330	0.03	380	0.03
LETTERSET PRESS OPERATORS	50101208	30	0.00	30	0.00
TRANSP, PUB UTIL CRAFT WKRS	50120000	7020	0.58	7850	0.56
ELEC POWER LINE INST, REPAIRERS	50120200	3300	0.27	3700	0.26

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
LINE INSTALLERS, REPAIRERS	50120202	3140	0.26	3520	0.25
TROUBLE SHOOTERS, POWER LINE	50120203	160	0.01	180	0.01
LOCOMOTIVE ENGINEERS	50120400	440	0.04	460	0.03
HOSTLERS	50120403	30	0.00	30	0.00
LOCOMOTIVE ENGINEERS	50120405	410	0.03	430	0.03
POWER STATION OPERATORS	50120800	110	0.01	120	0.01
POWER REACTOR OPERATORS	50120801	40	0.00	40	0.00
SWITCHBOARD OPS, GENERATING PLANT	50120803	40	0.00	50	0.00
DISPATCHERS, LOAD	50120804	30	0.00	30	0.00
TELEPHONE INSTALLERS, REPAIRERS	50121000	3170	0.26	3570	0.25
INSTALLERS, REPAIRERS, SEC MAINTS	50121001	860	0.07	970	0.07
INSTALLERS, REPAIRERS, TELEPHONE	50121002	40	0.00	40	0.00
STATION INSTALLERS	50121003	950	0.08	1070	0.08
CABLE REPAIRERS	50121007	260	0.02	290	0.02
CABLE INSTALLERS	50121008	50	0.00	60	0.00
FRAME WIRERS	50121009	120	0.01	140	0.01
CENTRAL OFFICE REPAIRERS	50121010	520	0.04	580	0.04
TROUBLE LOCATORS, TEST DESK	50121011	330	0.03	370	0.03
OTHER CRAFTS, KINDRED WORKERS	50140000	37140	3.08	43060	3.07
BAKERS	50140200	360	0.03	390	0.03
BAKERS	50140202	300	0.03	330	0.02
BENCH HANDS	50140204	40	0.00	40	0.00
CABINETMAKERS	50140400	720	0.06	820	0.06
CARPET CUTTERS, CARPET LAYERS	50140600	430	0.04	540	0.04
CRANE, DERRICK, HOIST OCCUPS	50140800	3140	0.26	3610	0.26
CRANE, DERRICK, & HOIST OPERATORS	50140801	2560	0.21	2960	0.21
LOADER ENGINEERS	50140802	490	0.04	540	0.04
YARDER ENGINEERS	50140803	90	0.01	110	0.01
MERCHAN DISPLAYERS & WIND TRMRS	50141000	180	0.01	200	0.01
DENTAL LAB TECHNICIANS	50141200	580	0.05	810	0.06
FURNITURE FINISHERS	50141400	170	0.01	200	0.01
GLAZIERS	50141800	580	0.05	690	0.05
GLASS INSTALLERS	50141801	170	0.01	210	0.01
GLAZIERS	50141802	410	0.03	480	0.03

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
INSPECTORS, LOG & LUMBER	50142000	460	0.04	510	0.04
LOG INSPECTORS, GRADERS, SCALERS	50142001	220	0.02	250	0.02
LUMBER GRADERS	50142002	170	0.01	180	0.01
VENEER GRADERS	50142003	70	0.01	80	0.01
OTHER INSPECTION OCCUPS	50142200	8350	0.69	9800	0.70
FIRE BOSSES	50142201	70	0.01	100	0.01
INSPECTORS	50142202	6920	0.57	8090	0.58
TESTERS	50142205	1350	0.11	1590	0.11
JEWELERS & WATCHMAKERS	50142400	300	0.02	340	0.02
JEWELERS &/OR SILVERSMITHS	50142401	160	0.01	180	0.01
WATCHMAKERS	50142402	140	0.01	160	0.01
MILLERS, GRAIN, FLOUR, FEED	50142600	40	0.00	40	0.00
MOTION PICTURE PROJECTIONISTS	50142800	260	0.02	270	0.02
OPTICIANS, LENS GRINDRS, POLSHRS	50143000	530	0.04	670	0.05
OPTICIANS, DISP &/OR OPTIC MECHS	50143002	510	0.04	640	0.05
SHIPFITTERS	50143400	320	0.03	340	0.02
SHOE REPAIRERS	50143600	60	0.01	60	0.00
STATIONARY ENGINEERS	50144000	2330	0.19	2680	0.19
CONTROL ROOM OPERATORS, STEAM	50144002	380	0.03	430	0.03
AUXILIARY EQUIP OPERATORS	50144004	90	0.01	110	0.01
OIL PUMPERS	50144008	30	0.00	50	0.00
PUMPERS, HEAD	50144010	80	0.01	120	0.01
STATIONARY ENGINEERS	50144014	870	0.07	990	0.07
TURBINE OPERATORS	50144015	80	0.01	90	0.01
PUMP STAT OPERATORS, WATERWORKS	50144019	50	0.00	60	0.00
STATION ENGINEERS, MAIN LINE	50144024	30	0.00	30	0.00
WATER TREATMENT PLANT OPERATORS	50144025	510	0.04	560	0.04
SHIP ENGINEERS	50144026	190	0.02	220	0.02
TAILORS	50144400	1100	0.09	1220	0.09
ALTERATION TAILORS	50144401	1050	0.09	1170	0.08
SAMPLE MAKERS	50144405	50	0.00	50	0.00
UPHOLSTERERS	50144600	1010	0.08	1190	0.08
FURNITURE UPHOLSTERERS	50144601	140	0.01	160	0.01
SPRINGERS	50144603	60	0.00	70	0.00

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
UPHOLSTERY TRIMMERS	50144604	90	0.01	120	0.01
UPHOLSTERERS	50144605	470	0.04	550	0.04
UPHOLSTERY CUTTERS	50144606	90	0.01	110	0.01
CASKET COVERERS/CASKET LINERS	50144607	30	0.00	30	0.00
MATTRESS MAKERS	50144608	130	0.01	150	0.01
CRAFTS & KINDRED WORKERS, NEC	50144800	16220	1.35	18680	1.33
CONDUIT MECHANICS	50144803	50	0.00	60	0.00
MACHINE SETTERS, WOODWORKING	50144808	110	0.01	130	0.01
SHIP RIGGERS	50144812	50	0.00	50	0.00
INSTRUCTORS, APPAREL & TEXT MACH	50144815	270	0.02	300	0.02
MACHINE SETTERS, PAPER GOODS	50144819	110	0.01	130	0.01
MAINTENANCE REPAIRERS, GEN UTIL	50144821	8710	0.72	9990	0.71
FORMING MACH MAINTAINERS, GLASS	50144822	40	0.00	50	0.00
MOBILE HOME REPAIRERS	50144825	50	0.00	50	0.00
MUSICAL INSTRUMENTS REPAIRERS	50144826	30	0.00	30	0.00
OPERATIVES	60000000	246070	20.41	283910	20.25
OPERATIVES, EX TRANSPORTATION	61000000	160540	13.32	186080	13.27
SEMISKILLED METALWORKING OPS	61020000	20730	1.72	24990	1.78
DRILL PRESS OPERATIVES	61020200	1330	0.11	1650	0.12
FURNACE TNDRS, SMELTERS, POURERS	61020400	1800	0.15	1910	0.14
BLAST FURNACE KEEPERS	61020402	240	0.02	260	0.02
CASTERS, FINISHED OR SEMIFIN PROD	61020404	60	0.00	60	0.00
STEEL POURER HELPERS	61020430	240	0.02	260	0.02
TAPPERS, SMELTING	61020432	50	0.00	50	0.00
POURERS, METAL	61020435	550	0.05	650	0.05
FURNACE CHARGERS	61020438	560	0.05	540	0.04
HEATING PIT CHARGERS	61020439	30	0.00	30	0.00
GRINDING/ABRADING MACH OPS, METAL	61020600	940	0.08	1200	0.09
HEATERS, METAL	61020800	140	0.01	160	0.01
LATHE, MILLING MACH OPERATIVES	61021000	1740	0.14	2160	0.15
VENEER LATHE OPERATORS	61021001	40	0.00	40	0.00
LATHE OPERATORS, WOOD	61021005	30	0.00	30	0.00
LATHE/TURN MACH OPERATORS, METAL	61021006	1310	0.11	1640	0.12
MILLING/PLANING MACHINE OPERATORS	61021007	290	0.02	370	0.03

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
SHAPER &/OR ROUTER OPERATORS	61021009	70	0.01	80	0.01
METAL PLATERS	61021200	460	0.04	530	0.04
ELECTROPLATERS	61021201	290	0.02	330	0.02
DIP PLATERS, NONELECTROLYTIC	61021202	170	0.01	200	0.01
OTHER PRECISION MACH OPS	61021400	2550	0.21	3200	0.23
BORING MACHINE OPERATORS, WOOD	61021401	60	0.00	70	0.00
MACHINE TOOL OPERATORS, COMBO	61021402	1630	0.14	2120	0.15
MACHINE TOOL OPERATORS, NUM CONT	61021403	390	0.03	480	0.03
WOOD MACHINISTS	61021404	370	0.03	420	0.03
MACHINE TOOL OPERATORS, TOOL ROOM	61021405	100	0.01	120	0.01
PUNCH, STAMPING PRESS OPS	61021600	2340	0.19	2850	0.20
PUNCH PRESS OPERATORS, METAL	61021609	1680	0.14	2060	0.15
POWER BRAKE, BENDING MACH OPS, MET	61021611	660	0.05	790	0.06
WELDERS & FLAME CUTTERS	61022000	9430	0.78	11330	0.81
SEMISKILLED TEXTILE OPS	61040000	21910	1.82	23220	1.66
CARDING, LAPPING, COMBING OPS	61040200	2390	0.20	2510	0.18
CARD GRINDERS	61040201	190	0.02	200	0.01
CARD TENDERS, COMBER TENDERS, ETC	61040202	880	0.07	910	0.07
DRAWING-IN MACHINE TENDERS	61040204	110	0.01	120	0.01
PICKER TENDERS	61040206	270	0.02	280	0.02
SLUBBER TENDERS	61040207	840	0.07	880	0.06
DRAWERS-IN, HAND	61040208	100	0.01	120	0.01
KNITTERS, LOOPERS, & TOPPERS	61040400	1060	0.09	1100	0.08
KNITTERS, FULL FASHIONED GARMENT	61040402	100	0.01	100	0.01
KNITTING MACHINE OPERATORS	61040403	850	0.07	880	0.06
LOOPERS, HOSIERY	61040406	40	0.00	40	0.00
SEAMLESS HOSIERY KNITTERS	61040407	50	0.00	50	0.00
SPINNERS, TWISTERS, & WINDERS	61040600	11660	0.97	12250	0.87
BEAM WARPER TENDERS &/OR BEAMERS	61040601	540	0.04	580	0.04
BOBBIN WINDERS, MACH/SEWING MACH	61040604	140	0.01	150	0.01
CLOTH OR CARPET WINDERS	61040605	300	0.03	320	0.02
CREELERS, YARN	61040606	970	0.08	1080	0.08
DOFFERS	61040607	2400	0.20	2520	0.18
DRESSER TENDERS	61040608	40	0.00	50	0.00

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
LOOM WINDER TENDERS	61040609	220	0.02	230	0.02
QUILLING MACHINE OPERATORS	61040610	190	0.02	210	0.01
SPEEDER TENDERS	61040611	70	0.01	70	0.01
SPINNERS, FRAME	61040612	2900	0.24	3010	0.21
THREADERS, KNIT GOODS	61040613	50	0.00	50	0.00
WARP TYING MACHINE TENDERS	61040616	340	0.03	370	0.03
WINDER OPERATORS, AUTOMATIC	61040617	1480	0.12	1510	0.11
YARN WINDERS	61040618	1070	0.09	1090	0.08
SPOOLER OPERATORS, AUTOMATIC	61040619	950	0.08	1010	0.07
WEAVERS	61040800	3590	0.30	3880	0.28
NEEDLE-FELT-MAKING MACH OPS, ETC	61040801	80	0.01	90	0.01
SMASH HANDS	61040802	500	0.04	530	0.04
WEAVERS	61040804	3010	0.25	3260	0.23
OTHER TEXTILE OPERATIVES	61041000	3210	0.27	3480	0.25
BLEACH-RANGE OPS, KNIT GDS BLCHRS	61041003	30	0.00	30	0.00
BOARDING MACH OPERATORS, HOSIERY	61041004	80	0.01	80	0.01
BOIL-OFF MACHINE OPERATORS, CLOTH	61041005	30	0.00	30	0.00
BURLERS	61041006	250	0.02	280	0.02
CALENDERING MACH OPS, KNIT GDS	61041007	60	0.01	70	0.00
CLOTH FEEDERS &/OR BACK TENDERS	61041008	110	0.01	120	0.01
CLOTH FINISHING RANGE TNDRS, MDLE	61041009	40	0.00	40	0.00
CLOTH FINISHING RANGE OPS, CHIEFS	61041010	70	0.01	80	0.01
CLOTH SHRINKING MACH OPERATORS	61041012	30	0.00	30	0.00
DRY CANS OPERATORS, CLOTH	61041013	80	0.01	80	0.01
HARNESS BUILDERS, LOOM CHNGRS, ETC	61041015	100	0.01	110	0.01
HARNESS PLACERS	61041016	310	0.03	330	0.02
NAPPER TENDERS	61041018	40	0.00	40	0.00
OPENER TENDERS/WASTE MACH TENDERS	61041019	400	0.03	420	0.03
SLASHER TENDERS	61041024	330	0.03	350	0.02
TENTER FRAME OPERATORS	61041025	120	0.01	140	0.01
FOLDERS, HAND	61041028	1100	0.09	1220	0.09
SEMISKLD PACKING, INSPECTING OPS	61060000	13370	1.11	15350	1.09
CHECKERS, EXAMINERS, ETC, MFG	61060200	220	0.02	260	0.02
GRADERS & SORTERS, MFG	61060400	80	0.01	100	0.01

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
SORTERS, BURNED PRODUCTS	61060404	30	0.00	40	0.00
GRADERS, MEAT	61060409	40	0.00	40	0.00
PACKERS, WRAPPERS, EX MEAT, PROD	61060800	13070	1.08	14990	1.07
PRODUCTION PACKAGERS	61060802	8000	0.66	9430	0.67
BUNDLERS	61060803	750	0.06	840	0.06
BAGGERS	61060804	4320	0.36	4730	0.34
OTHER OPERATIVES, EX TRANSPORT	61080000	104530	8.67	122520	8.74
ASBESTOS & INSULATION WORKERS	61080200	580	0.05	760	0.05
ASSEMBLERS	61080400	9620	0.80	12910	0.92
MOBILE HOME SET-UP OPERATORS	61080401	100	0.01	100	0.01
ASSEMBLERS, HAND	61080402	9180	0.76	12380	0.88
PLASTIC TOP INSTALLERS	61080409	30	0.00	30	0.00
WIRERS, ELECTRONIC	61080415	90	0.01	120	0.01
COIL FINISHERS	61080416	50	0.00	60	0.00
ELECTROLYTIC CELL MKRS, REPAIRERS	61080417	90	0.01	110	0.01
CORE LAYERS/SHEET TURNERS	61080418	90	0.01	100	0.01
BLASTERS	61080600	420	0.04	610	0.04
BLASTERS, MINING & QUARRYING	61080601	300	0.02	460	0.03
BLASTERS, CONSTRUCTION	61080602	110	0.01	130	0.01
SURVEYORS HELPERS	61081000	1210	0.10	1490	0.11
CLOTHING IRONERS & PRESSERS	61081200	3490	0.29	3730	0.27
PRESSERS, HAND	61081201	790	0.07	880	0.06
PRESSERS, MACHINE	61081202	1470	0.12	1550	0.11
PRESSERS, MACHINE, LAUNDRY	61081203	940	0.08	990	0.07
SHAPERS & PRESSERS	61081208	290	0.02	310	0.02
CUTTING OPERATIVES, NEC	61081400	850	0.07	1060	0.08
BIAS MACHINE OPERATORS	61081401	110	0.01	170	0.01
AUTOMATIC CLIPPERS, VENEER	61081407	60	0.00	60	0.00
PATTERN CUTTERS	61081431	40	0.00	50	0.00
RUBBER GDS CUTTER-FINISHER OPS	61081435	130	0.01	200	0.01
STAPLE CUTTERS/ST PROC MACH OPS	61081447	110	0.01	120	0.01
TENONER OPERATORS	61081452	30	0.00	40	0.00
CUTTING MACHINE OPERATORS, FOOD	61081462	70	0.01	80	0.01
PLANER OPERATORS	61081464	160	0.01	170	0.01

Table 11 (Continued)
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1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
DRESSMAKERS, EX FACTORY	61081600	170	0.01	200	0.01
DRILLERS, EARTH	61081800	1030	0.09	1490	0.11
DRILLERS, MACHINE	61081804	610	0.05	870	0.06
ROTARY DRILL OPERATORS	61081808	220	0.02	300	0.02
ROTARY DRILL OP HELPERS	61081809	200	0.02	320	0.02
DRY WALL INSTALLERS, LATHERS	61082000	670	0.06	900	0.06
DRY WALL APPLICATORS	61082001	490	0.04	660	0.05
LATHERS	61082002	50	0.00	70	0.01
TAPERS	61082003	130	0.01	170	0.01
DYERS	61082200	340	0.03	360	0.03
BEAM DYER OPS, PKG DYE MACH OPS	61082202	80	0.01	90	0.01
DYE RANGE OPS/SP DYE BECK TNDRS	61082204	70	0.01	80	0.01
DYE REEL OPS, JIGGRS, PAD MACH OPS	61082205	40	0.00	50	0.00
DYE TUB OPS, RANDOM DYERS, ETC	61082207	120	0.01	130	0.01
FILERS, POLISHERS, SANDERS, BUFFERS	61082400	1940	0.16	2370	0.17
FILERS, GRINDERS, BUFFERS, CHIPPERS	61082401	1560	0.13	1930	0.14
SANDBLASTERS/SHOTBLASTERS	61082402	250	0.02	290	0.02
DIE POLISHERS, WIRE OR TUBES	61082403	100	0.01	100	0.01
GARAGE WORKERS, GAS STAT ATTNS	61082600	8270	0.69	9290	0.66
MARINE SERVICE STAT ATTENDANTS	61082603	30	0.00	40	0.00
FUEL PUMP ATTENDANTS, LUBRICATORS	61082605	6860	0.57	7690	0.55
TIRE CHANGERS	61082606	1300	0.11	1450	0.10
TIRE REPAIRERS	61082607	80	0.01	110	0.01
LAUNDRY, DRYCLEANING OPS, NEC	61082800	2310	0.19	2490	0.18
MARKERS, CLASSIFIERS, ASSEMBLERS	61082801	270	0.02	270	0.02
SPOTTERS, DRYCLEANING	61082802	60	0.01	60	0.00
SPOTTERS, WASHABLE MATERIALS	61082803	40	0.00	40	0.00
WASHERS, MACH &/OR STARCHERS	61082804	790	0.07	960	0.07
TUMBLER OPERATORS	61082805	50	0.00	50	0.00
DRYCLEANING MACHINE OPERATORS	61082806	240	0.02	230	0.02
LAUNDRY OPERATORS, SM ESTABLHMT	61082809	460	0.04	480	0.03
RUG CLEANERS, MACHINE	61082813	80	0.01	80	0.01
FOLDERS, LAUNDRY	61082818	270	0.02	260	0.02
WASHERS, SYNTHETIC FIBERS	61082820	30	0.00	30	0.00

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
MEAT CUTTERS, BUTCHERS	61083200	440	0.04	560	0.04
BONERS, MEAT	61083201	80	0.01	90	0.01
BUTCHERS, ALL-AROUND	61083204	190	0.02	220	0.02
FISH CLEANERS, HAND/BUTCHERS, FISH	61083207	150	0.01	230	0.02
MINE OPERATIVES, NEC	61083600	2670	0.22	3800	0.27
HEADERS, BOTTOMERS, CAR DROPPERS	61083602	30	0.00	50	0.00
BRATTICE BUILDERS	61083604	180	0.01	270	0.02
COAL WASHERS	61083610	80	0.01	130	0.01
CONTINUOUS MINING MACH OPERATORS	61083612	90	0.01	140	0.01
CUTTING MACHINE OPERATORS	61083615	60	0.00	80	0.01
DERRICK OPERATORS, PETROL & GAS	61083616	100	0.01	160	0.01
GAGERS	61083620	30	0.00	30	0.00
LAMP KEEPERS, REPAIRERS	61083621	60	0.00	90	0.01
LOADING MACHINE OPERATORS	61083622	210	0.02	320	0.02
ROUSTABOUTS	61083629	370	0.03	600	0.04
SHUTTLE CAR OPERATORS	61083635	550	0.05	840	0.06
TIPPLE OPERATORS	61083637	100	0.01	140	0.01
PANELBD OPERATORS, GRIND MILL OPS	61083643	30	0.00	40	0.00
ROCK-DUST SPRAYERS	61083644	100	0.01	150	0.01
MILL &/OR GRINDER OPS, MINERALS	61083646	590	0.05	640	0.05
CRUSHING OR ORE STAMPING MA OPS	61083650	50	0.00	50	0.00
MIXING OPERATIVES	61083800	530	0.04	600	0.04
ASPHALT-PLANT OPERATORS	61083806	40	0.00	50	0.00
COATING MIXER TENDERS	61083817	40	0.00	40	0.00
MIXER OPERATORS, HOT METAL	61083831	40	0.00	50	0.00
SAND MIXERS, HAND OR MACHINE	61083838	90	0.01	100	0.01
MIXERS, FOOD & TOBACCO	61083856	240	0.02	280	0.02
MIXERS, ORE & METALS	61083857	40	0.00	40	0.00
OILERS	61084000	1330	0.11	1610	0.11
PAINTERS, MANUFACTURED ARTICLES	61084200	2020	0.17	2400	0.17
PAINTERS, AUTOMOTIVE	61084201	470	0.04	540	0.04
PAINTERS, PRODUCTION	61084210	1550	0.13	1860	0.13
PHOTOGRAPHIC PROCESS WORKERS	61084400	260	0.02	320	0.02
DEVELOPERS, PROJECTION PRINTERS	61084402	90	0.01	110	0.01

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
MULTIPLE PHOTO PRINTER OPERATORS	61084405	30	0.00	40	0.00
PHOTO CHECKERS & ASSEMBLERS	61084407	100	0.01	130	0.01
RIVETERS & FASTENERS	61084600	370	0.03	420	0.03
NAILING MACHINE OPERATORS	61084602	260	0.02	290	0.02
STAPLERS, MATTRESS & BEDSPRING	61084603	110	0.01	130	0.01
SAILORS & DECKHANDS	61084800	360	0.03	430	0.03
ABLE SEAMEN	61084802	40	0.00	60	0.00
ORDINARY SEAMEN	61084803	320	0.03	370	0.03
SAWYERS	61085000	2060	0.17	2280	0.16
BAND SCROLL SAW OPERATORS	61085001	100	0.01	120	0.01
CUT-OFF SAW OPERATORS, LUMBER	61085003	340	0.03	390	0.03
CUT-OFF SAWYERS, LOG	61085004	130	0.01	140	0.01
EDGERS, AUTOMATIC &/OR PONY	61085005	250	0.02	270	0.02
GANG SAWYERS	61085006	70	0.01	80	0.01
HEAD SAWYERS	61085008	250	0.02	270	0.02
RESAWYERS	61085011	110	0.01	120	0.01
RIPSAW OPERATORS	61085012	300	0.02	340	0.02
SAWYERS, METAL	61085013	190	0.02	210	0.02
TRIM SAW OPERATORS	61085017	190	0.02	200	0.01
VARIETY SAW OPERATORS	61085018	110	0.01	120	0.01
SEWERS & STITCHERS	61085200	37000	3.07	41440	2.96
MENDERS	61085204	140	0.01	130	0.01
SEWING MACH OPS, REG EQUIP, NONGAR	61085205	850	0.07	1080	0.08
GARMENT REPAIRERS	61085212	260	0.02	290	0.02
MENDERS, CLOTH	61085214	60	0.00	60	0.00
SEWING MACH OPS, SPEC EQUIP, NONGAR	61085215	1270	0.11	1560	0.11
SEWING MACH OPS, SPEC EQUIP, GAR	61085219	3440	0.29	3730	0.27
SEWING MACH OPS, REG EQUIP, GARMENT	61085220	30980	2.57	34590	2.47
SHOEMAKING MACHINE OPS	61085400	440	0.04	370	0.03
STITCHERS, STANDARD MACHINE	61085431	330	0.03	280	0.02
STITCHERS, UTILITY	61085432	30	0.00	30	0.00
FURNACE TNDRS, STOKRS, EX METAL	61085600	1220	0.10	1370	0.10
STATIONARY BOILER FIRERS	61085602	940	0.08	1060	0.08
KILN OPERATORS, MINERALS	61085613	170	0.01	200	0.01

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
KILN OPERATORS, LUMBER	61085614	50	0.00	60	0.00
WINDING OPERATIVES, NEC	61085800	440	0.04	540	0.04
CONVOLUTE OR SPIRAL TUBE WINDERS	61085801	40	0.00	50	0.00
PAPER REEL OPS, REWINDER OPS	61085804	130	0.01	150	0.01
WINDERS, PAPER MACHINE	61085808	180	0.02	210	0.02
COIL WINDERS	61085810	100	0.01	130	0.01
MISC MACH OPS, MEAT & DAIRY PROD	61086000	540	0.04	620	0.04
PICKLERS, MEAT	61086002	30	0.00	30	0.00
CASING FINISHERS &/OR STUFFERS	61086012	30	0.00	40	0.00
NOVELTY WORKERS	61086019	50	0.00	60	0.00
FLAVOR ROOM WORKERS, FREEZER OPS	61086021	40	0.00	50	0.00
DAIRY PROCESSING EQUIP OPERATORS	61086026	200	0.02	230	0.02
MEAT GRINDERS	61086033	40	0.00	50	0.00
COOKS &/OR COOKERS	61086035	60	0.01	80	0.01
MISC MACH OPS, ALL OTH FOOD PROD	61086200	520	0.04	560	0.04
ICEMAKERS	61086215	40	0.00	40	0.00
DOUGHNUT MAKRS/DOUGHNUT MACH OPS	61086258	100	0.01	110	0.01
DIVIDING MACH OPERATORS, ETC	61086259	60	0.01	60	0.00
OVEN OPERATORS	61086292	80	0.01	90	0.01
BATTER SCALERS	61086298	50	0.00	50	0.00
MISC MACH OPS, TOBACCO	61086400	510	0.04	470	0.03
STEMMERS, MACHINE	61086403	80	0.01	70	0.00
WRAPPER LAYERS	61086406	430	0.04	400	0.03
MISC MACH OPS, TEXTILE MILL PROD	61086600	860	0.07	910	0.06
BLENDING MACHINE OPERATORS	61086607	180	0.01	180	0.01
COATING MACHINE OPERATORS	61086608	40	0.00	40	0.00
CLOTH TRIMMERS, MACHINE, ETC	61086609	90	0.01	90	0.01
FUSING MACHINE OPERATORS	61086614	80	0.01	90	0.01
FOLDING MACHINE OPERATORS	61086618	420	0.03	440	0.03
MISC MACH OPS, LUMBER PROD, FURN	61086800	760	0.06	850	0.06
TREATING ENGINEERS	61086803	50	0.00	50	0.00
VENEER DRIERS	61086804	140	0.01	160	0.01
HOT PLATE PLYWOOD PRESS OPS	61086806	40	0.00	40	0.00
EDGE GLUERS	61086807	30	0.00	30	0.00

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
POWER BARKER OPERATORS	61086808	280	0.02	320	0.02
DADO OPERATORS	61086812	30	0.00	30	0.00
GLUING MACHINE OPERATORS	61086815	30	0.00	30	0.00
CORE FEEDERS	61086817	80	0.01	90	0.01
LAMINATING MACH OPERATORS, FURN	61086819	30	0.00	40	0.00
MISC MACH OPS, PAPER, ALLIED PROD	61087000	2230	0.19	2630	0.19
PULP REFINER OPERATORS	61087005	80	0.01	100	0.01
PULPERS	61087006	110	0.01	130	0.01
RECOVERY OPERATORS, PAPERMAKING	61087007	100	0.01	120	0.01
HI-DENSITY FINISHING OPS, INS BD	61087010	30	0.00	40	0.00
EVAPORATOR OPERATORS, PAPERMAKING	61087011	60	0.00	70	0.00
WOOD GRINDER OPERATORS	61087012	100	0.01	120	0.01
FOURDRINIER MACHINE TENDERS	61087014	160	0.01	200	0.01
BACK TENDERS	61087015	190	0.02	220	0.02
BEATERS	61087018	80	0.01	90	0.01
BEATER ENGINEERS	61087019	60	0.00	70	0.00
BLEACHER OPERATORS, PULP	61087020	110	0.01	120	0.01
DIGESTER OPERATORS	61087021	90	0.01	110	0.01
CYLINDER MACHINE TENDERS	61087022	30	0.00	30	0.00
COATER OPERATORS, OFF-MACHINE	61087023	60	0.00	70	0.00
PRINTER-SLOTTER OPERATORS	61087032	30	0.00	40	0.00
RULING MACHINE OPERATORS	61087034	50	0.00	60	0.00
TAPING MACHINE OPERATORS	61087038	40	0.00	40	0.00
FLEXO-FOLDER-GLUER OPERATORS	61087043	30	0.00	40	0.00
BAG MACHINE OPERATORS	61087051	150	0.01	170	0.01
CUTTING & CREASING PRESS OPS	61087056	60	0.00	70	0.00
CARTON-FORMING MACH OPERATORS	61087059	50	0.00	60	0.00
CORRUGATOR OPERATORS	61087060	30	0.00	30	0.00
BROWN STOCK WASHERS, BLOW PIT OPS	61087064	70	0.01	80	0.01
FOURTH/FIFTH HANDS, PAPER MACHINE	61087065	340	0.03	400	0.03
MISC MACH OPS, CHEM, ALLIED PROD	61087200	3680	0.31	4110	0.29
PUSHERS	61087204	80	0.01	80	0.01
CALCINER OPERATORS	61087213	30	0.00	30	0.00

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
SPINNERS, SYNTHETIC FILAMENTS	61087225	900	0.07	940	0.07
DRAW MACHINE OPERATORS	61087235	50	0.00	50	0.00
POWDER CUTTING OPERATORS, ETC	61087260	40	0.00	40	0.00
SHELL MACHINE OPERATORS	61087262	40	0.00	40	0.00
PUMPERS, LIQUIDS	61087286	100	0.01	130	0.01
STILL OPERATORS, BATCH OR CONTIN	61087287	40	0.00	40	0.00
CHEMICAL OPERATOR HELPERS	61087288	540	0.04	620	0.04
CHEMICAL OPERATORS A	61087290	990	0.08	1110	0.08
CHEMICAL OPERATORS B	61087291	590	0.05	680	0.05
GRINDER OPERATORS, CHEMICAL	61087293	40	0.00	40	0.00
DRIER OPERATORS, CHEM, PLAST, RUBBR	61087294	30	0.00	30	0.00
CHIEF OPERATORS	61087295	180	0.02	210	0.02
MISC MACH OPS, PETROL, COAL PROD	61087400	40	0.00	40	0.00
STILL OPERATORS, ASPHALT	61087403	30	0.00	30	0.00
MISC MACH OPS, RUBBER, MISC PLAS	61087600	2630	0.22	4040	0.29
RUBBER MILL OPERATORS	61087603	300	0.02	460	0.03
SPLICERS	61087611	200	0.02	300	0.02
TIRE BUILDERS	61087614	840	0.07	1280	0.09
SPLICERS, RUBBER PRODUCTS	61087615	70	0.01	110	0.01
TUBER MACHINE OPERATORS	61087616	100	0.01	150	0.01
WATCHCASE VULCANIZER TENDERS	61087617	80	0.01	120	0.01
PRESS TENDERS, RUBBER GOODS	61087618	180	0.01	270	0.02
CALENDER OPERATORS	61087622	60	0.00	90	0.01
BAND BUILDERS	61087625	30	0.00	40	0.00
BEAD FORMING MACH OPERATORS	61087626	30	0.00	50	0.00
BEAD FLIPPERS	61087627	100	0.01	150	0.01
BELT BUILDERS	61087628	30	0.00	50	0.00
DIPPING MACHINE OPERATORS	61087629	70	0.01	100	0.01
COMPR &/OR INJECT MOLD MA OPS, PL	61087645	450	0.04	710	0.05
MISC MACH OPS, STONE, CLAY, GLASS	61088000	660	0.06	820	0.06
GLAZING MACHINE OPERATORS	61088010	70	0.01	120	0.01
FORMING MACH OPERATORS, GL CONT	61088012	70	0.01	80	0.01
PRESS OPERATORS	61088026	50	0.00	80	0.01
MILLERS, CEMENT	61088032	90	0.01	120	0.01

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
CAGE MAKERS, HAND OR MACHINE	61088035	30	0.00	40	0.00
BLOCKMAKING MACHINE OPERATORS	61088038	70	0.01	80	0.01
CONCRETE STONE FABRICATORS	61088040	110	0.01	130	0.01
CONCRETE VAULT MAKERS	61088070	40	0.00	50	0.00
MISC MACH OPS, PRIMARY METALS	61088200	1480	0.12	1550	0.11
OPERATORS, DOOR MACHINE	61088205	260	0.02	280	0.02
PUMP OPERATORS, BY-PRODUCTS	61088208	190	0.02	210	0.01
HEATERS, COKE PRODUCTION	61088218	110	0.01	120	0.01
POT TENDERS	61088236	210	0.02	200	0.01
DUST OPS/ORE CRUSHING DUST COLLS	61088248	80	0.01	80	0.01
DRAW-BENCH OPERATORS, TUBE DRAWRS	61088267	90	0.01	80	0.01
CARBON SETTERS	61088269	70	0.01	70	0.00
COREMAKERS, MACHINE	61088274	160	0.01	190	0.01
EXTRUSION PRESS OPS, HOT BILLETS	61088276	30	0.00	30	0.00
WIRE WEAVERS	61088293	150	0.01	180	0.01
MISC MACH OPS, MFG, NEC	61088400	1040	0.09	1190	0.09
COREMAKERS, HAND, BENCH, FLOOR	61088403	260	0.02	310	0.02
CHIPPERS	61088408	250	0.02	280	0.02
GLUERS	61088409	60	0.00	70	0.00
PRESS OPERATORS, PLASTICS	61088416	30	0.00	40	0.00
COATERS, ROOFING FELT	61088433	40	0.00	40	0.00
LOADING MACHINE OPERATORS	61088436	230	0.02	240	0.02
SOABAR OPERATORS	61088443	130	0.01	140	0.01
MISC MACH OPS, NONMFG	61088600	680	0.06	790	0.06
TIRE FABRICATORS, REPAIRERS	61088614	630	0.05	730	0.05
PHOTOLETTERING MACHINE OPERATORS	61088621	30	0.00	30	0.00
OPERATIVES, NEC, DURABLE GOODS	61088800	1300	0.11	1380	0.10
CATCHERS	61088809	110	0.01	120	0.01
CONCRETE PIPE MAKERS	61088814	70	0.01	80	0.01
FABRICATORS, PLASTICS	61088817	30	0.00	30	0.00
FINISHERS, HAND	61088818	40	0.00	70	0.00
MOLD CLOSERS	61088827	110	0.01	130	0.01
POT LINERS	61088835	110	0.01	100	0.01
TABLE OPERATORS, STEEL	61088844	40	0.00	40	0.00

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
TRANSFER CONTROLLERS, SAW MILL	61088846	40	0.00	40	0.00
WIRE DRAWERS	61088850	580	0.05	570	0.04
PIPE STRIPPERS	61088851	40	0.00	50	0.00
LAYOUT MARKERS, WOOD	61088852	60	0.01	70	0.00
OPERATIVES, NEC, NONDURABLE GDS	61089000	6620	0.55	7540	0.54
CURERS, RUBBER GOODS	61089002	60	0.00	90	0.01
BAKER HELPERS	61089003	260	0.02	270	0.02
CALENDER OPERATOR HELPERS	61089005	90	0.01	140	0.01
CHICKEN CUTTERS	61089008	450	0.04	510	0.04
COOLER ROOM WORKERS, MEAT	61089009	80	0.01	80	0.01
DIGESTER OPERATOR HELPERS	61089016	90	0.01	110	0.01
INGREDIENT SCALERS	61089029	40	0.00	40	0.00
POULTRY DRESSERS, EVISCERATORS	61089040	3930	0.33	4400	0.31
PRINTER-SLOTTER FEEDERS	61089042	40	0.00	40	0.00
SHACTORS	61089050	30	0.00	30	0.00
SKINNERS, ANIMAL	61089058	30	0.00	30	0.00
SMOKERS	61089060	30	0.00	30	0.00
STICKERS	61089065	50	0.00	50	0.00
THREAD TRIMMERS	61089071	600	0.05	670	0.05
TIRE FINISHERS	61089072	150	0.01	240	0.02
FINISHERS, POTTERY & PORCELAIN	61089082	40	0.00	30	0.00
PRESS ASSISTANTS & FEEDERS	61089095	190	0.02	220	0.02
COPY MARKERS	61089096	40	0.00	50	0.00
MAILERS	61089097	240	0.02	280	0.02
OPERATIVES, NEC, NONMFG	61089200	940	0.08	1220	0.09
BILLPOSTERS	61089203	40	0.00	40	0.00
EXTERMINATORS	61089204	600	0.05	790	0.06
TERMITE TREATERS	61089210	250	0.02	320	0.02
TERMITE TREATER HELPERS	61089211	40	0.00	50	0.00
TRANSPORT EQUIP OPERATIVES	62000000	48930	4.06	55590	3.96
BUS DRIVERS	62000400	1640	0.14	1720	0.12
DELIVERY & ROUTE WORKERS	62000800	12720	1.06	14260	1.02
FORK LIFT, TOW MOTOR OPS	62001000	7650	0.63	8820	0.63
INDUSTRIAL TRUCK OPERATORS	62001001	7110	0.59	8230	0.59

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
CARRIER DRIVERS	62001002	130	0.01	140	0.01
LOG HANDLING EQUIPMENT OPERATORS	62001003	410	0.03	450	0.03
PARKING ATTENDANTS	62001400	280	0.02	330	0.02
TOWER OPERATORS	62001800	60	0.00	60	0.00
TAXICAB DRIVERS, CHAUFFEURS	62002000	850	0.07	870	0.06
AMBULANCE DRIVERS	62002002	300	0.03	360	0.03
TAXI DRIVERS	62002004	440	0.04	410	0.03
CHAUFFEURS	62002007	90	0.01	80	0.01
TRUCK DRIVERS	62002200	25730	2.13	29530	2.11
ALL OTHER SEMISKILLED WORKERS	63000000	36600	3.04	42240	3.01
SERVICE WORKERS	70000000	149250	12.38	180800	12.89
JANITORS & SEXTONS	70020600	34390	2.85	40320	2.88
FOOD SERVICE WORKERS	70040000	57680	4.79	72130	5.14
BAKERS, BREAD &/OR PASTRY	70040200	440	0.04	530	0.04
BARTENDERS	70040400	1140	0.09	1410	0.10
WAITERS ASSISTANTS	70040600	1870	0.16	2360	0.17
COOKS, EX PRIVATE	70040800	15010	1.25	18460	1.32
COOKS, SHORT ORDER/SPEC FAST FD	70040802	4150	0.34	5350	0.38
COOKS, RESTAURANT	70040803	5050	0.42	6450	0.46
COOKS, INSTITUTIONAL	70040804	5810	0.48	6660	0.47
BUTCHERS &/OR MEAT CUTTERS	70041400	3010	0.25	3310	0.24
WAITERS & WAITRESSES	70041600	14160	1.17	18170	1.30
HOSTS/HOSTESSES, REST, LNGE, COF SH	70041601	540	0.04	700	0.05
WAITERS & WAITRESSES	70041602	13620	1.13	17470	1.25
FOOD WORKERS, NEC, EX PRIVATE	70041800	22050	1.83	27890	1.99
FD PREP & SERV WKRS, FAST FD REST	70041804	8390	0.70	10990	0.78
PANTRY, SANDWICH, &/OR COF MAKERS	70041805	340	0.03	420	0.03
ALL OTHER FOOD SERVICE WKRS	70041899	13320	1.11	16480	1.18
NURSES AIDES, ORDERLIES	70061000	17630	1.46	22670	1.62
PERSONAL SERVICE WORKERS	70080000	11630	0.96	12890	0.92
ATTNS, RECREATION, AMUSEMENT	70080400	640	0.05	730	0.05
RECREATION FACILITY ATTENDANTS	70080401	520	0.04	590	0.04
GAME OPS, RIDE OPS, CONCESS WKRS	70080402	30	0.00	30	0.00
PIN CHASERS	70080403	40	0.00	50	0.00

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
RACKERS, POOLROOM	70080404	30	0.00	40	0.00
ATTNS, PERSONAL SERVICE, NEC	70080600	1390	0.12	1570	0.11
COSTUMER	70080603	230	0.02	280	0.02
FUNERAL ATTENDANTS	70080607	180	0.01	170	0.01
MASSEURS OR MASSEUSES	70080609	30	0.00	30	0.00
INSTRUCTORS, REDUCING	70080611	110	0.01	110	0.01
HOUSEKEEPERS, HOTEL & MOTEL	70080616	720	0.06	850	0.06
CHECKROOM & LOCKER RM ATTNS	70080618	50	0.00	50	0.00
GUIDES, SIGHTSEEING OR ESTABLHMT	70080619	70	0.01	80	0.01
BAGGAGE PORTERS & BELLHOPS	70080800	380	0.03	420	0.03
BELLHOPS, BAG PORTERS, DRKPRS, ETC	70080801	280	0.02	310	0.02
BAGGAGE PORTERS	70080802	100	0.01	110	0.01
BARBERS	70081000	360	0.03	350	0.03
CHILD CARE WORKERS & ATTENDANTS	70081600	3340	0.28	4120	0.29
ELEVATOR OPERATORS	70081800	230	0.02	270	0.02
HAIRDRESSERS, COSMETOLOGISTS	70082000	3940	0.33	3880	0.28
COSMETOLOGISTS/MN'S HAIRSTYLISTS	70082001	3570	0.30	3510	0.25
MANICURISTS	70082003	90	0.01	90	0.01
SCALP TREATMENT OPERATORS	70082004	30	0.00	30	0.00
SHAMPOOERS	70082006	250	0.02	250	0.02
SCHOOL MONITORS	70082600	70	0.01	70	0.01
USHERS, LOBBY ATTNS, TICKET TAKERS	70082800	270	0.02	280	0.02
WELFARE SERVICE AIDES	70083000	1010	0.08	1200	0.09
PROTECTIVE SERVICE WORKERS	70100000	21850	1.81	25810	1.84
CROSSING GUARDS, BRIDGETENDERS	70100200	580	0.05	640	0.05
CROSSING OR BRIDGE TENDERS	70100202	40	0.00	40	0.00
SCHOOL CROSSING GUARDS	70100203	540	0.04	600	0.04
FIREFIGHTERS	70100400	4220	0.35	4670	0.33
FIREFIGHTERS	70100401	3290	0.27	3640	0.26
FIRE INSPECTORS	70100402	80	0.01	80	0.01
FIRE OFFICERS	70100403	850	0.07	950	0.07
GUARDS	70100600	9210	0.76	11730	0.84
GUARDS & DOORKEEPERS	70100601	8180	0.68	10560	0.75
CHECKERS, FITTING ROOM	70100602	140	0.01	170	0.01

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
FISH & GAME WARDENS	70100606	240	0.02	270	0.02
CORRECTION OFFICERS &/OR JAILERS	70100607	650	0.05	730	0.05
U.S. MARSHALLS	70100800	40	0.00	40	0.00
POLICE & DETECTIVES	70101000	7110	0.59	7960	0.57
DETECTIVES	70101001	280	0.02	360	0.03
STORE DETECTIVES	70101002	160	0.01	190	0.01
RAILROAD POLICE	70101003	30	0.00	30	0.00
POLICE OFFICERS	70101004	1400	0.12	1560	0.11
POLICE DETECTIVES	70101005	520	0.04	550	0.04
POLICE PATROLMEN/WOMEN	70101006	4630	0.38	5170	0.37
PARKING ENFORCEMENT OFFICERS	70101007	90	0.01	100	0.01
SHERIFFS, DEPUTIES, & BAILIFFS	70101200	690	0.06	770	0.05
SHERIFFS & DEPUTIES	70101201	630	0.05	710	0.05
BAILIFFS	70101202	60	0.00	60	0.00
OTHER SERVICE WORKERS	70200000	6070	0.50	6980	0.50
SUPERVISORS, SERVICE	70200001	1900	0.16	2280	0.16
ALL OTHER SERVICE WORKERS	70200099	4170	0.35	4700	0.34
LABORERS, EXCEPT FARM	80000000	103750	8.61	120110	8.57
ANIMAL CARETAKERS	80000200	80	0.01	90	0.01
CONST LABRS, EX CARPNTRS HELPERS	80000600	5710	0.47	6670	0.48
AIR HAMMER OPERATORS	80000601	370	0.03	450	0.03
FORM SETTERS, METAL ROAD FORM	80000603	30	0.00	40	0.00
FENCE ERECTORS	80000607	130	0.01	170	0.01
PIPELAYERS	80000609	1000	0.08	1230	0.09
REINFORCING-IRON WORKERS	80000610	1080	0.09	1330	0.09
TRENCH SEWER SHAPERS	80000611	30	0.00	30	0.00
HIGHWAY MAINTENANCE WORKERS	80000628	3000	0.25	3350	0.24
ASPHALT RAKERS	80000629	50	0.00	60	0.00
FREIGHT, MATERIAL HANDLERS	80001000	3120	0.26	3430	0.24
CHAIN OFFBEARERS, LUMBER	80001005	820	0.07	880	0.06
KILN TRANSFER OPERATORS	80001006	40	0.00	40	0.00
LOADERS, CAR & TRUCK	80001007	140	0.01	150	0.01
LUMBER STRAIGHTENERS	80001008	80	0.01	90	0.01
OFF-BEARERS	80001009	460	0.04	500	0.04

Table 11 (Continued)
EMPLOYMENT AND PERCENT DISTRIBUTION BY OCCUPATION
1976 AND PROJECTED 1982
ALABAMA

OCCUPATION	CODE	1976 NUMBER[1]	1976 PERCENT[2]	1982 NUMBER[1]	1982 PERCENT[2]
KILN STACKER OPERATORS	80001014	110	0.01	120	0.01
VENEER DRIER FEEDERS	80001018	170	0.01	190	0.01
CONVEYOR OPERATORS OR TENDERS	80001020	610	0.05	670	0.05
WORK DISTRIBUTORS	80001023	670	0.06	760	0.05
GARBAGE COLLECTORS	80001200	2780	0.23	3100	0.22
GARDENERS, GROUNDSKEEPERS, EX FARM	80001400	3260	0.27	3630	0.26
TIMBERCUTTING, LOGGING WORKERS	80001800	2350	0.19	2620	0.19
CHASERS	80001801	110	0.01	120	0.01
CHOKER SETTERS, LUMBER	80001802	240	0.02	260	0.02
DECKER OPERATORS	80001803	80	0.01	100	0.01
BULL CHAIN OPERATORS	80001804	60	0.00	60	0.00
FALLERS &/OR BUCKERS	80001805	1650	0.14	1840	0.13
HEAD LOADERS	80001806	50	0.00	60	0.00
RIGGING SLINGERS	80001809	40	0.00	40	0.00
SECOND LOADERS	80001810	120	0.01	140	0.01
STOCK HANDLERS	80002000	11270	0.93	12650	0.90
ORDER FILLERS	80002001	4290	0.36	4920	0.35
STOCK CLERKS, SALES FLOOR	80002003	6980	0.58	7730	0.55
VEHICLE WASHERS, EQUIP CLEANERS	80002400	60	0.00	90	0.01
MOLD CLEANERS, TIRE	80002403	50	0.00	80	0.01
OTHER LABORERS	80002800	75120	6.23	87830	6.26
SETTERS &/OR DRAWERS	80002812	100	0.01	100	0.01
FURNACE OP HELPERS/HEATER HELPERS	80002819	300	0.02	300	0.02
RIGGERS	80002822	1020	0.08	1150	0.08
HELPERS, TRADES	80002823	14630	1.21	17930	1.28
CANNERY WORKERS	80002824	150	0.01	230	0.02
LINE SERVICE ATTENDANTS	80002830	110	0.01	120	0.01
FOREST CONSERVATION WORKERS	80002831	320	0.03	350	0.03
SEPTIC TANK SERVICERS, ETC	80002832	30	0.00	30	0.00

[1]Totals in some occupational groups may not add due to exclusion of sub-groups and/or individual occupations with employment of less than 30 in both the base (1976) and projected (1982) year.

[2]Percent distributions calculated using raw data.

Table 12
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1976 — 1982
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
TOTAL, ALL OCCUPATIONS	0	72110	100.00	5.14	32890	39220
PROFESS, TECHN, & KINDRED WORKERS	10000000	10455	14.50	5.04	4520	5935
ENGINEERS	10020000	640	0.89	3.82	375	265
AERO-ASTRONAUTIC ENGINEERS	10020200	30	0.04	1.80	15	15
CHEMICAL ENGINEERS	10020400	20	0.03	3.10	15	5
CIVIL ENGINEERS	10020600	120	0.17	4.49	60	60
ELECTRICAL ENGINEERS	10020800	140	0.20	3.60	100	40
INDUSTRIAL ENGINEERS	10021000	60	0.08	4.03	35	25
MECHANICAL ENGINEERS	10021200	110	0.15	4.60	70	40
METALLURGICAL ENGINEERS	10021400	5	0.01	3.11	5	*
MINING ENGINEERS	10021600	30	0.05	12.69	5	25
PETROLEUM ENGINEERS	10021800	5	0.01	3.14	5	*
OTHER ENGINEERS	10022000	120	0.17	3.47	65	55
LIFE & PHYSICAL SCIENTISTS	10040000	85	0.11	3.27	45	40
AGRICULTURAL SCIENTISTS	10040200	5	0.01	3.88	*	5
LIFE SCIENTISTS	10040600	20	0.03	4.12	10	10
CHEMISTS	10040800	35	0.05	3.32	20	15
GEOLOGISTS	10041000	10	0.01	5.31	5	5
PHYSICISTS	10041400	10	0.01	3.06	5	5
LIFE, PHYSICAL SCIENTISTS, NEC	10041600	5	0.01	1.76	5	*
MATHEMATICAL SPECIALISTS	10060000	20	0.03	3.50	10	10
MATHEMATICAL SCIENTISTS	10060400	10	0.01	2.49	5	5
STATISTICIANS	10060600	10	0.02	4.91	5	5
ENGINEERING, SCIENCE TECHNS	10080000	650	0.90	3.78	445	205
DRAFTERS	10080600	200	0.28	4.22	160	40
ELECTRICAL, ELECTRONIC TECHNS	10080800	135	0.19	3.57	105	30
ELECTRICAL & ELECTRONIC TECHNS	10080803	130	0.18	3.69	100	30
BROADCAST TECHNICIANS	10080808	5	0.01	2.21	5	*
MECHANICAL ENGINEERING TECHNS	10081400	20	0.03	2.99	10	10
SURVEYORS	10081600	60	0.08	4.50	35	25
ENGINEERING, SCIENCE TECHNS, NEC	10081800	235	0.32	3.53	135	100
TIMBER CRUISERS	10081808	10	0.01	5.23	5	5
TRAFFIC TECHNICIANS	10081813	5	0.01	4.72	*	5
ALL OTHER ENG TECHNS	10081898	155	0.21	3.35	90	65

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1976 — 1982
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
ALL OTHER SCIENCE TECHNICIANS	10081899	65	0.09	3.75	40	25
MEDICAL WORKERS, EX TECHNS	10100000	1375	1.91	6.62	745	630
CHIROPRACTORS	10100200	10	0.01	8.25	5	5
DENTISTS	10100400	50	0.07	7.06	45	5
DIETITIANS	10100600	65	0.09	7.56	25	40
NURSES & PHYSICIANS ASSTS	10100800	895	1.24	7.08	455	440
NURSES, PROFESSIONAL	10100801	880	1.22	7.11	445	435
PHYSICIANS ASSISTANTS	10100803	15	0.02	5.94	10	5
PHARMACISTS	10101200	140	0.19	6.40	55	85
PHYSICIANS, MED & OSTEOPATH	10101400	170	0.23	4.94	135	35
THERAPISTS	10101800	45	0.05	5.43	25	20
OCCUPATIONAL THERAPISTS	10101801	10	0.01	6.36	5	5
SPEECH & HEARING CLINICIANS, ETC	10101803	10	0.01	4.28	5	5
PHYSICAL THERAPISTS	10101804	15	0.02	5.84	10	5
INHALATION THERAPISTS	10101809	10	0.01	6.30	5	5
HEALTH TECHNOLS & TECHNS	10120000	1590	2.21	7.02	940	650
CLINICAL LAB TECHNOLS, TECHNS	10120200	200	0.27	6.17	125	75
MEDICAL LAB TECHNOLOGISTS	10120201	90	0.12	5.96	55	35
MEDICAL LAB ASSISTANTS	10120206	110	0.15	6.34	70	40
DENTAL HYGIENISTS & ASSISTANTS	10120400	310	0.43	8.97	225	85
DENTAL ASSISTANTS	10120401	205	0.28	9.06	145	60
DENTAL HYGIENISTS	10120402	105	0.15	8.80	80	25
HEALTH RECORD TECHNOLS, TECHNS	10120600	40	0.05	6.21	25	15
RADIOLOGIC TECHNOLS, TECHNS	10120800	110	0.16	6.06	70	40
X-RAY TECHNICIANS	10120801	100	0.14	6.18	65	35
NUCLEAR MEDICINE TECHNOLOGISTS	10120802	10	0.01	5.59	5	5
OTHER HEALTH TECHNOLS, TECHNS	10121000	930	1.29	6.88	495	435
SURGICAL TECHNICIANS	10121002	35	0.05	5.99	25	10
EKG TECHNICIANS	10121006	20	0.02	5.88	10	10
PHARMACY HELPERS	10121009	40	0.06	7.06	20	20
LICENSED PRACTICAL NURSES	10121010	775	1.07	7.21	410	365
ALL OTHER MED & DENT TECHNS	10121099	60	0.08	4.66	30	30
TECHNICIANS, EX HEALTH OR S & E	10140000	115	0.16	3.55	60	55
AIRPLANE PILOTS	10140200	15	0.02	2.89	10	5

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1976 — 1982
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
AIR TRAFFIC CONTROLLERS	10140400	10	0.01	1.64	5	5
EMBALMERS	10140600	10	0.01	3.78	*	10
RADIO OPERATORS	10141000	5	0.01	8.33	*	5
OTHER TECHNS, EX HEALTH OR S & E	10141400	75	0.10	3.84	45	30
COMPUTER SPECIALISTS	10160000	135	0.19	3.35	95	40
COMPUTER PROGRAMMERS	10160200	60	0.09	3.51	45	15
COMPUTER SYSTEMS ANALYSTS	10160400	75	0.10	3.22	50	25
SOCIAL SCIENTISTS	10180000	45	0.07	5.23	20	25
ECONOMISTS	10180200	15	0.02	5.32	5	10
PSYCHOLOGISTS	10180600	15	0.02	4.58	10	5
OTHER SOCIAL SCIENTISTS	10181200	15	0.02	6.27	5	10
TEACHERS	10200000	2820	3.91	4.63	720	2100
ADULT EDUCATION TEACHERS	10201000	110	0.16	3.75	40	70
COLLEGE & UNIVERSITY TEACHERS	10202000	345	0.48	3.96	100	245
TEACHERS, COLLEGE	10202002	265	0.37	3.96	75	190
GRADUATE ASSISTANTS	10202003	80	0.11	3.97	25	55
ELEMENTARY SCHOOL TEACHERS	10203000	1295	1.79	5.27	285	1010
PRESCHOOL, KINDERGTN TEACHERS	10204000	180	0.25	4.81	50	130
SECONDARY SCHOOL TEACHERS	10205000	755	1.05	4.11	215	540
TEACHERS, NEC	10206000	135	0.19	5.29	30	105
DANCE INSTRUCTORS	10206001	5	0.01	5.50	*	5
ALL OTHER TEACHERS	10206099	130	0.18	5.28	30	100
WRITERS, ARTISTS, & ENTERTAINERS	10220000	365	0.51	4.31	160	205
ATHLETES & KINDRED WORKERS	10220400	10	0.01	3.89	5	5
DESIGNERS	10221000	105	0.14	4.82	55	50
EDITORS & REPORTERS	10221200	90	0.13	5.06	40	50
WRITERS &/OR EDITORS	10221201	50	0.07	4.89	20	30
REPORTERS & CORRESPONDENTS	10221203	40	0.05	5.35	20	20
MUSICIANS	10221400	75	0.11	3.89	20	55
PHOTOGRAPHERS	10221800	15	0.02	2.86	5	10
PUBLIC RELATIONS SPECIALISTS	10222000	50	0.07	6.21	20	30
RADIO, TV ANNOUNCERS	10222200	20	0.03	2.13	15	5
OTHER PROFESSIONAL & TECHN WKRS	10240000	2615	3.63	5.28	905	1710
ACCOUNTANTS	10240200	485	0.68	5.42	205	280
ACCOUNTANTS & AUDITORS	10240201	425	0.59	5.49	185	240

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1976 — 1982
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
TAX EXAMINERS, COLLECTRS, REV AGTS	10240203	35	0.05	4.59	10	25
TAX PREPARERS	10240204	25	0.04	5.62	10	15
ARCHITECTS	10240400	20	0.03	6.27	10	10
BUYERS & PURCHASING AGENTS	10240800	315	0.44	5.46	120	195
PURCHASING AGENTS &/OR BUYERS	10240801	135	0.18	5.26	55	80
BUYERS, RETAIL &/OR WHOLSL TRADE	10240804	180	0.25	5.58	65	115
CLERGY	10241000	510	0.70	5.36	80	430
FORESTERS	10241600	5	0.01	4.07	*	5
JUDGES	10242000	95	0.13	11.79	15	80
JUDGES	10242001	85	0.12	11.70	15	70
MAGISTRATES	10242002	10	0.02	12.50	*	10
LAWYERS & KINDRED WORKERS	10242200	130	0.18	6.15	50	80
LAW CLERKS	10242201	25	0.03	6.32	10	15
LAWYERS	10242202	100	0.14	6.11	40	60
PARALEGAL PERSONNEL	10242203	5	0.01	6.14	*	5
LIBRARIANS	10242400	105	0.15	4.51	30	75
LIBRARIANS	10242401	100	0.13	4.55	30	70
AUDIO VISUAL SPECIALISTS	10242402	5	0.01	4.17	*	5
PERSONNEL, LABOR REL SPECIALISTS	10242800	125	0.17	4.71	60	65
PERSONNEL, LABOR REL SPECIALISTS	10242802	90	0.13	4.56	40	50
EMPLOYMENT INTERVIEWERS	10242803	35	0.05	5.17	20	15
RECREATION WORKERS	10243200	40	0.05	5.87	15	25
SOCIAL WORKERS	10243400	210	0.30	5.81	80	130
CASEWORKERS	10243401	185	0.26	5.87	70	115
WELFARE INVESTIGATORS	10243404	25	0.03	5.58	10	15
VOCATIONAL, EDUC COUNSELORS	10243600	70	0.09	4.35	20	50
ALL OTHER PROFESSIONAL WORKERS	10243800	505	0.70	4.57	220	285
SAFETY INSPECTORS	10243804	5	0.01	5.21	*	5
UNDERWRITERS	10243805	25	0.03	4.13	5	20
COST ESTIMATORS	10243808	100	0.14	6.61	55	45
CREDIT ANALYSTS, CHIEF	10243809	10	0.02	6.08	3	5
CREDIT ANALYSTS	10243810	25	0.03	5.85	10	15
APPRAISERS, REAL ESTATE	10243816	5	0.01	5.19	*	5
ASSESSORS	10243817	15	0.02	9.52	5	10

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1976 — 1982
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
CLAIM TAKERS, UNEMP BENEFITS	10243818	40	0.06	5.14	15	25
SPECIAL AGENTS, INSURANCE	10243820	5	0.01	3.88	*	5
MANAGERS & OFFICIALS	20000000	6270	8.70	5.88	2475	3795
SALES MANAGERS	20020000	120	0.17	3.91	65	55
ADMINISTRATORS, PUB INSPECTORS	20040000	175	0.24	5.45	40	135
CONSTRUCTION INSPECTORS, PUB ADM	20040400	50	0.07	6.71	10	40
INSPECTORS, EX CONST, PUB ADM	20040800	85	0.12	4.73	25	60
POSTMASTERS & MAIL SUPERINTS	20041200	40	0.05	6.15	5	35
OTHER MANAGERS & OFFICIALS	20060000	5975	8.29	5.95	2370	3605
RAILROAD CONDUCTORS	20061200	30	0.04	3.99	5	25
OTHER MGRS, ADMINISTRATORS	20061600	5945	8.25	5.97	2365	3580
MANAGERS, STORE	20061612	745	1.03	5.50	250	495
MANAGERS, AUTO SERVICE DEPT	20061613	45	0.06	5.37	15	30
MANAGERS, AUTO PARTS DEPT	20061614	30	0.04	5.33	10	20
WHOLESALERS	20061615	160	0.22	5.64	55	105
ALL OTHER MANAGERS	20061699	4965	6.89	6.07	2035	2930
SALES WORKERS	30000000	4350	6.03	5.62	1610	2740
INSURANCE AGENTS, BROKERS, ETC	30001000	250	0.35	3.99	65	185
REAL ESTATE AGENTS, BROKERS	30001400	50	0.07	6.20	5	45
REAL ESTATE BROKERS	30001402	5	0.01	7.14	*	5
SALES AGENTS, SALES REPS, REAL EST	30001403	45	0.06	6.12	5	40
STOCK & BOND SALES AGENTS	30001600	25	0.03	5.91	15	10
OTHER SALES WORKERS	30001800	4025	5.58	5.76	1525	2500
SALES CLERKS	30001802	2240	3.10	5.75	845	1395
CLERICAL WORKERS	40000000	11835	16.41	5.04	5180	6655
STENOS, TYPISTS, SECRETARIES	40020000	2560	3.55	5.28	1055	1505
SECRETARIES	40020200	1590	2.20	5.40	675	915
STENOGRAPHERS	40020400	320	0.44	5.23	115	205
TYPISTS	40020600	650	0.91	5.04	265	385
OFFICE MACHINE OPERATORS	40040000	615	0.85	5.10	310	305
BOOKKEEPING, BILLING OPERATORS	40040200	280	0.39	5.80	140	140
BOOKKEEPING/BILLING MACHINE OPS	40040201	210	0.29	5.59	100	110
PROOF MACHINE OPERATORS	40040202	65	0.09	6.45	35	30
TRANSIT CLERKS	40040203	5	0.01	6.60	5	*

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1976 – 1982
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
COMPUTER, PERIPHERAL EQUIP OPS	40040600	70	0.10	3.52	50	20
COMPUTER OPERATORS	40040601	65	0.09	3.53	45	20
PERIPHERAL EDP EQUIP OPERATORS	40040602	5	0.01	3.43	5	*
DUPLICATING MACHINE OPERATORS	40040800	20	0.03	4.99	10	10
KEYPUNCH OPERATORS	40041000	185	0.26	4.91	85	100
TABULATING MACHINE OPERATORS	40041200	5	0.01	2.92	5	*
ALL OTHER OFFICE MACHINE OPS	40041400	45	0.06	6.59	20	25
OTHER CLERICAL WORKERS	40060000	8660	12.01	4.97	3815	4845
BANK TELLERS	40060200	425	0.59	5.98	250	175
NEW ACCOUNTS TELLERS	40060201	30	0.04	5.94	20	10
TELLERS	40060203	395	0.55	5.99	230	165
BOOKKEEPERS	40060600	1120	1.55	5.58	490	630
ACCOUNTING CLERKS	40060601	375	0.52	5.44	160	215
BOOKKEEPERS, HAND	40060603	745	1.03	5.65	330	415
CASHIERS	40060800	1040	1.44	5.00	410	630
ELIGIBILITY WORKERS, WELFARE	40061000	20	0.02	4.46	10	10
CLERICAL SUPERVISORS	40061200	210	0.29	4.82	105	105
COLLECTORS, BILL & ACCOUNT	40061400	80	0.11	6.35	40	40
COUNTER CLERKS, EX FOOD	40061600	235	0.33	6.08	85	150
CAR RENTAL CLERKS	40061601	20	0.03	6.86	10	10
DESK CLERKS	40061603	60	0.08	5.82	20	40
ORDER CLERKS	40061604	130	0.18	6.05	45	85
CIRCULATION CLERKS	40061605	10	0.02	6.55	5	5
DESK CLERKS, BOWLING FLOOR	40061608	10	0.01	5.00	5	5
DISPATCHERS, STARTERS, VEHICLE	40061800	45	0.07	4.89	15	30
ESTIMATORS, INVESTIGATORS, NEC	40062200	125	0.17	5.29	50	75
ADJUSTMENT CLERKS	40062208	20	0.03	5.04	5	15
CHECKING CLERKS	40062209	10	0.02	7.24	5	5
CLAIMS CLERKS	40062210	55	0.07	4.33	15	40
CREDIT REPORTERS	40062211	30	0.04	7.40	20	10
LOAN CLOSERS, NEW CONSTRUCTION	40062212	10	0.01	6.06	5	5
PRODUCTION CLERKS	40062400	85	0.12	3.73	50	35
FILE CLERKS	40062600	225	0.31	5.31	105	120
FILE CLERKS	40062601	160	0.22	5.67	80	80

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1976 — 1982
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
PERSONNEL CLERKS	40062602	65	0.09	4.59	25	40
CLAIM ADJUSTERS	40062800	5	0.01	0.28	*	5
LIBRARY ASSISTANTS	40063000	60	0.08	4.49	15	45
MAIL CARRIERS, POSTAL SERVICE	40063200	200	0.27	3.20	45	155
MESSENGERS & OFFICE HELPERS	40063600	15	0.03	8.15	5	10
METER READERS, UTILITIES	40063800	25	0.04	3.13	15	10
PAYROLL, TIMEKEEPING CLERKS	40064000	160	0.22	5.23	70	90
POSTAL CLERKS	40064200	40	0.06	3.11	10	30
PROOFREADERS	40064400	10	0.02	7.05	5	5
RECEPTIONISTS	40064800	560	0.78	6.57	270	290
RECEPTIONISTS	40064802	395	0.55	6.85	200	195
SWITCHBD OPS/RECEPTIONISTS	40064803	165	0.23	5.99	70	95
SHIPPING, RECEIVING CLERKS	40065000	450	0.63	3.95	240	210
SHIPPING, RECEIVING CLERKS	40065001	240	0.34	4.19	135	105
SHIPPING PACKERS	40065002	210	0.29	3.72	105	105
STATISTICAL CLERKS	40065200	45	0.07	4.23	15	30
RATERS	40065209	25	0.03	4.09	10	15
TALLY CLERKS, SAW MILL	40065215	5	0.01	4.08	*	5
COURT CLERKS	40065216	15	0.02	4.38	5	10
STOCK CLERKS, STOREKEEPERS	40065400	440	0.61	4.09	245	195
PROCUREMENT CLERKS	40065402	20	0.03	3.62	10	10
STOCK CLERKS, STOCKRM, WAREHS, ETC	40065404	420	0.58	4.13	235	185
TELEGRAPH OPERATORS	40066000	5	0.01	3.60	*	5
TELEPHONE OPERATORS	40066200	325	0.45	5.72	140	185
SWITCHBOARD OPERATORS	40066201	170	0.24	6.34	85	85
CENTRAL OFFICE OPERATORS	40066202	140	0.20	5.18	50	90
DIRECTORY ASSISTANCE OPERATORS	40066203	5	0.01	5.22	*	5
TICKET, STATION, EXPRESS AGENTS	40066400	15	0.02	3.77	5	10
STATION AGENTS	40066401	5	0.01	3.54	*	5
TRANSPORTATION AGENTS	40066404	10	0.01	3.88	5	5
WEIGHERS	40066600	45	0.06	5.12	20	25
ALL OTHER CLERICAL WORKERS	40066800	2635	3.66	5.02	1105	1530
CALL-OUT OPERATORS	40066804	10	0.01	7.03	5	5

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
GENERAL CLERKS, OFFICE	40066811	1450	2.01	4.98	605	845
IN-FILE OPERATORS	40066812	15	0.02	7.66	10	5
POLICY CHANGE CLERKS	40066815	15	0.02	4.41	5	10
REAL ESTATE CLERKS	40066818	10	0.01	3.98	*	10
SAFE DEPOSIT CLERKS	40066820	5	0.01	6.25	5	*
STATEMENT CLERKS	40066823	25	0.04	6.36	15	10
TRAFFIC CLERKS	40066826	5	0.01	5.00	*	5
SHADE TICKET MARKERS	40066834	10	0.01	4.82	5	5
SERVICE REPRESENTATIVES	40066835	25	0.04	4.78	10	15
RATE CLERKS, FREIGHT	40066838	10	0.01	4.52	5	5
TOWN CLERKS	40066840	30	0.04	5.54	10	20
MORTGAGE CLOSING CLERKS	40066842	20	0.02	5.86	10	10
INSURANCE CLERKS	40066845	10	0.01	6.74	5	5
INSURANCE CLERKS, MEDICAL	40066846	95	0.13	7.16	60	35
ALL OTHER OFFICE CLERICAL	40066898	450	0.63	5.29	205	245
ALL OTHER PLANT CLERICAL	40066899	450	0.63	4.48	150	300
CRAFTS & KINDRED WORKERS	50000000	8945	12.40	4.68	4735	4210
CONSTRUCTION CRAFTS WKRS	50020000	2870	3.97	5.63	1590	1280
CARPENTERS	50020200	825	1.14	6.52	375	450
CARPENTERS	50020201	760	1.06	6.40	335	425
ROOF BOLTERS	50020202	55	0.07	9.05	35	20
PICTURE FRAMERS	50020205	5	0.01	6.25	*	5
BRICK MASONS & STONE MASONS	50020600	125	0.17	5.26	80	45
BRICKLAYERS	50020601	100	0.14	5.64	70	30
STONE MASONS	50020602	10	0.01	4.69	5	5
REFRACTORY MATERIALS REPAIRERS	50020606	15	0.02	3.67	5	10
BULLDOZER OPERATORS	50021000	35	0.05	3.73	15	20
CEMENT & CONCRETE FINISHERS	50021200	95	0.14	5.60	60	35
ELECTRICIANS	50021400	445	0.62	5.16	280	165
EXCAVATING, GRADING MACH OPS	50021800	625	0.87	5.47	375	250
DREDGE OPERATORS	50021803	10	0.01	4.35	5	5
HEAVY EQUIPMENT OPERATORS	50021807	600	0.83	5.55	360	240
BATCH PLANT OPERATORS	50021809	10	0.01	4.33	5	5
FLOOR SANDING MACHINE OPERATORS	50022000	5	0.01	5.71	5	*

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1976 — 1982
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
PAINTERS, CONSTRUCTION, MAINT	50022200	230	0.33	5.79	110	120
PLASTERERS	50022800	10	0.02	6.92	5	5
PLUMBERS & PIPEFITTERS	50023200	310	0.43	5.25	175	135
FITTERS, PIPELAYING	50023202	35	0.04	5.49	20	15
PLUMBERS &/OR PIPEFITTERS	50023203	275	0.39	5.23	155	120
ROOFERS	50023600	60	0.08	5.49	45	15
STRUCTURAL STEEL WORKERS	50023800	70	0.10	4.90	40	30
TILE SETTERS	50024000	30	0.04	5.25	20	10
TILE SETTERS	50024001	15	0.02	5.37	10	5
CEILING TILE INSTALLRS, FLR LAYRS	50024002	15	0.02	5.13	10	5
SUPERVISORS, NONWORKING	50040003	1185	1.64	4.69	590	595
METALWKG CRAFTS WKRS, EX MECH	50060000	835	1.16	4.75	480	355
BLACKSMITHS	50060200	5	0.00	8.33	*	5
BOILERMAKERS	50060400	50	0.07	4.91	20	30
HEAT TREATERS, ANNEALERS, ETC	50060600	5	0.01	3.52	*	5
FORGE & HAMMER OPERATORS	50060800	10	0.02	6.15	5	5
FORGING PRESS OPERATORS	50060802	10	0.01	5.41	5	5
JOB & DIE SETTERS, METAL	50061000	45	0.06	5.05	35	10
MACHINE TOOL SETTERS, METALWRKING	50061003	30	0.04	5.05	25	5
PUNCH PRESS SETTERS, METAL	50061007	15	0.02	4.92	10	5
MACHINISTS	50061200	280	0.39	4.62	150	130
LAYOUT MARKERS, METAL	50061202	30	0.04	5.13	20	10
MACHINISTS	50061206	250	0.35	4.56	130	120
MILLWRIGHTS	50061600	80	0.11	5.04	40	40
MOLDERS, METAL	50061800	70	0.10	4.04	45	25
MOLDERS, BENCH &/OR FLOOR	50061804	25	0.03	4.28	15	10
MOLDERS, MACHINE (METAL)	50061805	45	0.06	3.86	30	15
ROLLERS & FINISHERS, METAL	50062400	20	0.03	3.05	*	20
ROLLING MILL OPS, ROUGH OR FINISH	50062410	5	0.02	2.84	-5	10
SHEET METAL WORKERS, TINSMITHS	50062600	225	0.31	5.05	155	70
TOOLMAKERS & DIEMAKERS	50063000	45	0.07	5.71	30	15
MECHS, REPAIRERS, INSTALLERS	50080000	1630	2.26	3.86	840	790
AIR COND, HEATING, REFRIG MECHS	50080200	100	0.14	4.58	70	30
REFRIG MECHANICS, A/C MECHANICS	50080201	85	0.12	4.51	60	25

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1976 — 1982
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
FURNACE INSTALLERS & REPAIRERS	50080202	15	0.02	5.16	10	5
AIRCRAFT MECHANICS	50080400	55	0.07	3.05	35	20
AUTO SEAT COVER, TOP INSTALLERS	50080600	5	0.01	4.05	5	*
AUTO BODY REPAIRERS	50080800	55	0.07	3.34	35	20
AUTO MECHANICS	50081000	505	0.70	3.88	260	245
AUTOMOTIVE MECHANICS	50081001	500	0.69	3.89	260	240
AUTO REPAIR SERVICE ESTIMATORS	50081003	5	0.01	3.65	*	5
DATA PROCESSING MACH MECHANICS	50081400	5	0.01	4.60	5	*
FARM EQUIPMENT MECHANICS	50081600	10	0.02	4.05	5	5
HEAVY EQUIP MECHS, INCL DIESEL	50081800	430	0.59	3.95	220	210
ENGINEERING EQUIP MECHANICS	50081803	90	0.12	3.71	45	45
HYDROELECTRIC MACHINE MECHS, ETC	50081804	10	0.02	3.88	5	5
MINE MACHINERY MECHANICS	50081805	35	0.05	7.27	25	10
MAINTENANCE MECHANICS	50081807	240	0.33	4.09	130	110
KNITTING MACHINE FIXERS	50081811	10	0.01	3.18	5	5
SECTION REPAIRERS & SETTERS	50081814	35	0.05	2.67	10	25
HOUSEHOLD APPLIANCE MECHANICS	50082000	40	0.06	3.94	20	20
ELECTRIC METER INSTALLERS, ETC	50082002	10	0.01	3.77	5	5
HOUSEHOLD APPLIANCE INSTALLERS	50082007	10	0.01	3.74	5	5
HOUSEHOLD APPLIANCE REPAIRERS	50082012	20	0.03	3.88	10	10
LOOM FIXERS	50082200	55	0.08	3.66	15	40
OFF MACH SERVICERS/CASH REG SERV	50082400	20	0.03	3.39	15	5
RADIO, TELEVISION REPAIRERS	50082600	20	0.03	3.15	10	10
TV SERVICERS & REPAIRERS, ETC	50082602	20	0.03	3.14	10	10
RAILROAD CAR SHOP REPAIRERS	50082800	30	0.04	3.48	5	25
SIGNAL MAINTAINERS	50082802	5	0.01	3.74	*	5
CAR REPAIRERS	50082803	25	0.03	3.41	5	20
OTHER MECHANICS & REPAIRERS	50083200	300	0.41	3.94	140	160
ELECTRIC MOTOR REPAIRERS	50083204	20	0.02	4.22	10	10
GUNSMITHS	50083208	5	0.01	2.58	*	5
INSTRUMENT REPAIRERS, OPTICAL	50083210	5	0.01	2.53	*	5
COIN MACHINE SERVICERS, REPAIRERS	50083215	10	0.02	3.75	5	5
SEWING MACHINE MECHANICS	50083218	25	0.04	3.84	10	15
PROTECTIVE SIGNAL INST/REPAIRERS	50083220	5	0.01	6.33	5	*

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1976 – 1982
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
INSTRUMENT REPAIRERS	50083221	35	0.05	4.12	15	20
DIESEL MECHANICS	50083222	50	0.07	4.23	30	20
PRINTING TRADE CRAFTS WKRS	50100000	170	0.24	4.15	105	65
BOOKBINDERS	50100200	20	0.03	4.27	10	10
BINDERY WORKERS	50100203	15	0.02	3.83	10	5
COMPOSITORS & TYPESETTERS	50100400	60	0.08	4.68	35	25
HAND COMPOSITORS	50100403	10	0.01	4.69	5	5
IMPOSERS & MAKEUP ARRANGERS	50100404	15	0.02	4.84	10	5
LINECASTING MACHINE OPERATORS	50100405	5	0.01	4.07	5	*
STRIKE-ON MACHINE OPERATORS	50100412	5	0.01	5.62	*	5
LINECASTING MACH KEYBD OPERATORS	50100414	10	0.01	4.72	5	5
PASTEUP MEN/WOMEN	50100416	10	0.01	4.41	5	5
PHOTOTYPESETTING MACH KEYBD OPS	50100417	5	0.01	4.27	5	*
PHOTOENGRAVERS, LITHOGRAPHERS	50101000	15	0.02	3.27	10	5
CAMERA OPERATORS, PRINTING	50101002	5	0.01	3.13	5	*
PRESS & PLATE PRINTERS	50101200	65	0.09	3.78	45	20
PRESS OPERATORS, PLATE PRINTERS	50101201	25	0.03	5.38	20	5
OFFSET LITHOGRAPHIC PRESS OPS	50101202	25	0.04	3.20	15	10
LETTERPRESS OPERATORS	50101207	15	0.02	3.64	10	5
TRANSP, PUB UTIL CRAFT WKRS	50120000	225	0.31	2.85	140	85
ELEC POWER LINE INST, REPAIRERS	50120200	100	0.14	2.75	70	30
LINE INSTALLERS, REPAIRERS	50120202	95	0.13	2.72	65	30
TROUBLE SHOOTERS, POWER LINE	50120203	5	0.01	3.39	5	*
LOCOMOTIVE ENGINEERS	50120400	25	0.03	5.49	*	25
POWER STATION OPERATORS	50120800	10	0.01	4.84	5	5
TELEPHONE INSTALLERS, REPAIRERS	50121000	90	0.13	2.55	65	25
INSTALLERS, REPAIRERS, SEC MAINTS	50121001	25	0.03	2.58	20	5
STATION INSTALLERS	50121003	30	0.04	2.61	20	10
CABLE REPAIRERS	50121007	5	0.01	2.44	5	*
FRAME WIRERS	50121009	5	0.01	2.86	5	*
CENTRAL OFFICE REPAIRERS	50121010	15	0.02	2.59	10	5
TROUBLE LOCATORS, TEST DESK	50121011	10	0.01	2.70	5	5
OTHER CRAFTS, KINDRED WORKERS	50140000	2030	2.82	4.71	990	1040

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
BAKERS	50140200	15	0.02	4.36	5	10
CABINETMAKERS	50140400	45	0.07	5.99	15	30
CARPET CUTTERS, CARPET LAYERS	50140600	25	0.03	4.10	20	5
CRANE, DERRICK, HOIST OCCUPS	50140800	150	0.21	4.10	80	70
CRANE, DERRICK, & HOIST OPERATORS	50140801	120	0.17	4.16	65	55
LOADER ENGINEERS	50140802	20	0.03	3.86	10	10
MERCHAN DISPLAYERS & WIND TRMRS	50141000	15	0.02	6.40	5	10
DENTAL LAB TECHNICIANS	50141200	50	0.07	5.93	40	10
FURNITURE FINISHERS	50141400	10	0.01	5.13	5	5
GLAZIERS	50141800	25	0.04	4.08	15	10
GLASS INSTALLERS	50141801	5	0.01	4.37	5	*
GLAZIERS	50141802	20	0.03	3.96	10	10
INSPECTORS, LOG & LUMBER	50142000	40	0.05	7.28	10	30
LOG INSPECTORS, GRADERS, SCALERS	50142001	20	0.02	7.29	5	15
LUMBER GRADERS	50142002	10	0.02	6.63	*	10
VENEER GRADERS	50142003	5	0.01	8.75	*	5
OTHER INSPECTION OCCUPS	50142200	550	0.77	5.66	240	310
FIRE BOSSES	50142201	10	0.01	8.57	5	5
INSPECTORS	50142202	450	0.63	5.60	195	255
TESTERS	50142205	90	0.13	5.77	40	50
JEWELERS & WATCHMAKERS	50142400	25	0.03	7.06	10	15
JEWELERS &/OR SILVERSMITHS	50142401	15	0.02	7.07	5	10
WATCHMAKERS	50142402	10	0.02	7.05	5	5
MOTION PICTURE PROJECTIONISTS	50142800	25	0.03	8.96	*	25
OPTICIANS, LENS GRINDRS, POLSHRS	50143000	40	0.05	5.49	25	15
OPTICIANS, DISP &/OR OPTIC MECHS	50143002	35	0.05	5.30	20	15
SHIPFITTERS	50143400	5	0.01	1.80	*	5
SHOE REPAIRERS	50143600	5	0.01	8.06	*	5
STATIONARY ENGINEERS	50144000	135	0.19	5.00	60	75
CONTROL ROOM OPERATORS, STEAM	50144002	20	0.03	4.84	10	10
AUXILIARY EQUIP OPERATORS	50144004	5	0.01	4.67	*	5
OIL PUMPERS	50144008	5	0.01	7.69	5	*
PUMPERS, HEAD	50144010	15	0.02	8.94	10	5
STATIONARY ENGINEERS	50144014	50	0.07	4.86	20	30

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
WATER TREATMENT PLANT OPERATORS	50144025	25	0.03	4.44	10	15
SHIP ENGINEERS	50144026	10	0.02	5.38	5	5
TAILORS	50144400	55	0.08	4.58	20	35
UPHOLSTERERS	50144600	50	0.07	4.37	30	20
FURNITURE UPHOLSTERERS	50144601	10	0.01	4.32	5	5
UPHOLSTERY TRIMMERS	50144604	5	0.01	4.31	5	*
UPHOLSTERERS	50144605	25	0.03	4.20	15	10
UPHOLSTERY CUTTERS	50144606	5	0.01	4.50	5	*
MATTRESS MAKERS	50144608	10	0.01	4.55	5	5
CRAFTS & KINDRED WORKERS, NEC	50144800	760	1.06	4.09	410	350
MACHINE SETTERS, WOODWORKING	50144808	5	0.01	3.91	5	*
INSTRUCTORS, APPAREL & TEXT MACH	50144815	15	0.02	5.70	5	10
MACHINE SETTERS, PAPER GOODS	50144819	5	0.01	3.88	5	*
MAINTENANCE REPAIRERS, GEN UTIL	50144821	395	0.55	3.99	210	185
OPERATIVES	60000000	12370	17.15	4.36	6370	6000
OPERATIVES, EX TRANSPORTATION	61000000	8380	11.62	4.50	4315	4065
SEMISKILLED METALWORKING OPS	61020000	1125	1.56	4.50	715	410
DRILL PRESS OPERATIVES	61020200	95	0.13	5.71	55	40
FURNACE TNDRS, SMELTERS, POURERS	61020400	65	0.09	3.46	20	45
BLAST FURNACE KEEPERS	61020402	10	0.01	3.50	5	10
STEEL POURER HELPERS	61020430	10	0.01	3.50	*	5
POURERS, METAL	61020435	30	0.04	4.63	15	15
FURNACE CHARGERS	61020438	15	0.02	2.39	*	15
GRINDING/ABRADING MACH OPS, METAL	61020600	65	0.09	5.25	45	20
HEATERS, METAL	61020800	10	0.01	6.10	5	5
LATHE, MILLING MACH OPERATIVES	61021000	100	0.14	4.62	70	30
LATHE/TURN MACH OPERATORS, METAL	61021006	80	0.10	4.59	55	25
MILLING/PLANING MACHINE OPERATORS	61021007	20	0.03	5.15	15	5
METAL PLATERS	61021200	20	0.03	3.59	10	10
ELECTROPLATERS	61021201	10	0.02	3.65	5	5
DIP PLATERS, NONELECTROLYTIC	61021202	10	0.01	3.50	5	5
OTHER PRECISION MACH OPS	61021400	170	0.23	5.25	110	60
MACHINE TOOL OPERATORS, COMBO	61021402	120	0.17	5.71	80	40
MACHINE TOOL OPERATORS, NUM CONT	61021403	25	0.03	4.82	15	10

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
WOOD MACHINISTS	61021404	20	0.02	4.03	10	10
MACHINE TOOL OPERATORS, TOOL ROOM	61021405	5	0.01	4.31	5	*
PUNCH, STAMPING PRESS OPS	61021600	130	0.18	4.60	85	45
PUNCH PRESS OPERATORS, METAL	61021609	95	0.13	4.70	65	30
POWER BRAKE, BENDING MACH OPS, MET	61021611	35	0.05	4.33	20	15
WELDERS & FLAME CUTTERS	61022000	470	0.66	4.18	315	155
SEMISKILLED TEXTILE OPS	61040000	790	1.10	3.42	220	570
CARDING, LAPPING, COMBING OPS	61040200	80	0.12	3.31	20	60
CARD GRINDERS	61040201	5	0.01	3.47	*	5
CARD TENDERS, COMBER TENDERS, ETC	61040202	30	0.04	3.17	10	25
PICKER TENDERS	61040206	5	0.01	3.21	*	5
SLUBBER TENDERS	61040207	25	0.04	3.31	10	20
DRAWERS-IN, HAND	61040208	5	0.01	4.35	*	5
KNITTERS, LOOPERS, & TOPPERS	61040400	35	0.05	3.27	5	30
KNITTERS, FULL FASHIONED GARMENT	61040402	5	0.01	3.92	*	5
KNITTING MACHINE OPERATORS	61040403	30	0.04	3.29	5	25
SPINNERS, TWISTERS, & WINDERS	61040600	405	0.56	3.31	100	305
BEAM WARPER TENDERS &/OR BEAMERS	61040601	20	0.03	3.61	5	15
BOBBIN WINDERS, MACH/SEWING MACH	61040604	5	0.01	3.29	*	5
CLOTH OR CARPET WINDERS	61040605	15	0.02	3.45	5	10
CREELERS, YARN	61040606	45	0.06	4.08	20	25
DOFFERS	61040607	85	0.12	3.29	20	65
LOOM WINDER TENDERS	61040609	5	0.01	3.43	*	5
QUILLING MACHINE OPERATORS	61040610	10	0.01	3.90	5	5
SPINNERS, FRAME	61040612	95	0.13	3.15	20	75
WARP TYING MACHINE TENDERS	61040616	10	0.02	3.57	5	5
WINDER OPERATORS, AUTOMATIC	61040617	45	0.06	2.85	5	40
YARN WINDERS	61040618	35	0.05	3.02	5	30
SPOOLER OPERATORS, AUTOMATIC	61040619	35	0.05	3.48	10	25
WEAVERS	61040800	145	0.20	3.69	50	95
NEEDLE-FELT-MAKING MACH OPS, ETC	61040801	5	0.01	5.38	5	*
SMASH HANDS	61040802	20	0.02	3.41	5	15
WEAVERS	61040804	120	0.17	3.68	40	80
OTHER TEXTILE OPERATIVES	61041000	125	0.17	3.62	45	80

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
BURLERS	61041006	10	0.02	4.24	5	5
CLOTH FEEDERS &/OR BACK TENDERS	61041008	5	0.01	4.96	*	5
HARNESS BUILDERS, LOOM CHNGRS, ETC	61041015	5	0.01	4.39	*	5
HARNESS PLACERS	61041016	15	0.01	3.07	5	10
OPENER TENDERS/WASTE MACH TENDERS	61041019	15	0.02	3.34	5	10
SLASHER TENDERS	61041024	15	0.02	3.14	5	10
TENTER FRAME OPERATORS	61041025	10	0.01	4.44	5	5
FOLDERS, HAND	61041028	50	0.06	3.79	20	30
SEMISKLD PACKING, INSPECTING OPS	61060000	660	0.91	4.27	335	325
CHECKERS, EXAMINERS, ETC, MFG	61060200	10	0.02	5.04	5	5
GRADERS & SORTERS, MFG	61060400	5	0.01	5.10	5	*
PACKERS, WRAPPERS, EX MEAT, PROD	61060800	645	0.88	4.26	325	320
PRODUCTION PACKAGERS	61060802	435	0.60	4.61	240	195
BUNDLERS	61060803	35	0.05	3.95	15	20
BAGGERS	61060804	175	0.24	3.60	70	105
OTHER OPERATIVES, EX TRANSPORT	61080000	5805	8.05	4.74	3045	2760
ASBESTOS & INSULATION WORKERS	61080200	35	0.05	4.88	30	5
ASSEMBLERS	61080400	780	1.08	6.03	550	230
ASSEMBLERS, HAND	61080402	765	1.04	6.08	535	230
WIRERS, ELECTRONIC	61080415	5	0.01	5.93	5	*
COIL FINISHERS	61080416	5	0.01	6.15	5	*
ELECTROLYTIC CELL MKRS, REPAIRERS	61080417	5	0.01	5.61	5	*
BLASTERS	61080600	50	0.07	8.03	30	20
BLASTERS, MINING & QUARRYING	61080601	40	0.05	8.55	25	15
BLASTERS, CONSTRUCTION	61080602	10	0.01	6.02	5	5
SURVEYORS HELPERS	61081000	85	0.12	5.62	50	35
CLOTHING IRONERS & PRESSERS	61081200	145	0.20	3.83	40	105
PRESSERS, HAND	61081201	40	0.05	4.46	15	25
PRESSERS, MACHINE	61081202	55	0.08	3.61	15	40
PRESSERS, MACHINE, LAUNDRY	61081203	35	0.05	3.63	5	30
SHAPERS & PRESSERS	61081208	15	0.02	3.87	5	10
CUTTING OPERATIVES, NEC	61081400	50	0.07	4.93	35	15
BIAS MACHINE OPERATORS	61081401	15	0.02	7.83	10	5
RUBBER GDS CUTTER-FINISHER OPS	61081435	15	0.02	7.96	10	5

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
PLANER OPERATORS	61081464	5	0.01	3.47	*	5
DRESSMAKERS, EX FACTORY	61081600	20	0.03	9.36	5	15
DRILLERS, EARTH	61081800	110	0.15	7.23	80	30
DRILLERS, MACHINE	61081804	65	0.09	7.13	45	20
ROTARY DRILL OPERATORS	61081808	15	0.02	6.04	10	5
ROTARY DRILL OP HELPERS	61081809	25	0.04	8.59	20	5
DRY WALL INSTALLERS, LATHERS	61082000	50	0.07	5.35	40	10
DRY WALL APPLICATORS	61082001	35	0.05	5.34	30	5
LATHERS	61082002	5	0.01	5.63	5	*
TAPERS	61082003	5	0.01	5.26	5	*
DYERS	61082200	10	0.01	2.51	5	5
FILERS, POLISHERS, SANDERS, BUFFERS	61082400	150	0.21	6.30	75	75
FILERS, GRINDERS, BUFFERS, CHIPPERS	61082401	125	0.17	6.46	60	65
SANDBLASTERS/SHOTBLASTERS	61082402	15	0.02	5.80	5	10
GARAGE WORKERS, GAS STAT ATTNS	61082600	390	0.54	4.22	170	220
FUEL PUMP ATTENDANTS, LUBRICATORS	61082605	325	0.45	4.18	140	185
TIRE CHANGERS	61082606	60	0.08	4.19	25	35
TIRE REPAIRERS	61082607	5	0.01	7.21	5	*
LAUNDRY, DRYCLEANING OPS, NEC	61082800	125	0.17	4.90	35	90
MARKERS, CLASSIFIERS, ASSEMBLERS	61082801	10	0.01	3.69	*	10
WASHERS, MACH &/OR STARCHERS	61082804	65	0.09	6.44	30	35
DRYCLEANING MACHINE OPERATORS	61082806	10	0.01	3.93	*	10
LAUNDRY OPERATORS, SM ESTABLHMT	61082809	25	0.03	4.56	5	20
RUG CLEANERS, MACHINE	61082813	5	0.00	3.85	*	5
FOLDERS, LAUNDRY	61082818	10	0.01	3.77	*	10
MEAT CUTTERS, BUTCHERS	61083200	35	0.05	6.09	20	15
BUTCHERS, ALL-AROUND	61083204	10	0.01	4.63	5	5
FISH CLEANERS, HAND/BUTCHERS, FISH	61083207	20	0.03	8.12	15	5
MINE OPERATIVES, NEC	61083600	275	0.38	7.24	190	85
BRATTICE BUILDERS	61083604	20	0.03	8.03	15	5
COAL WASHERS	61083610	15	0.02	8.53	10	5
CONTINUOUS MINING MACH OPERATORS	61083612	15	0.02	7.69	10	5
CUTTING MACHINE OPERATORS	61083615	5	0.01	8.24	5	*
DERRICK OPERATORS, PETROL & GAS	61083616	15	0.02	9.09	10	5

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
LAMP KEEPERS, REPAIRERS	61083621	5	0.01	7.61	5	*
LOADING MACHINE OPERATORS	61083622	25	0.03	7.86	20	5
ROUSTABOUTS	61083629	55	0.07	8.56	40	15
SHUTTLE CAR OPERATORS	61083635	70	0.09	8.08	50	20
TIPPLE OPERATORS	61083637	10	0.02	7.59	5	5
ROCK-DUST SPRAYERS	61083644	15	0.02	8.55	10	5
MILL &/OR GRINDER OPS, MINERALS	61083646	25	0.03	3.91	10	15
MIXING OPERATIVES	61083800	15	0.02	2.84	10	5
SAND MIXERS, HAND OR MACHINE	61083838	5	0.01	3.92	5	*
MIXERS, FOOD & TOBACCO	61083856	10	0.01	2.91	5	5
OILERS	61084000	80	0.12	5.17	45	35
PAINTERS, MANUFACTURED ARTICLES	61084200	95	0.13	4.03	65	30
PAINTERS, AUTOMOTIVE	61084201	20	0.03	3.71	15	5
PAINTERS, PRODUCTION	61084210	75	0.11	4.14	50	25
PHOTOGRAPHIC PROCESS WORKERS	61084400	15	0.02	5.06	10	5
DEVELOPERS, PROJECTION PRINTERS	61084402	5	0.01	4.72	5	*
PHOTO CHECKERS & ASSEMBLERS	61084407	5	0.01	5.51	5	*
RIVETERS & FASTENERS	61084600	20	0.02	4.03	10	1[illegible]
NAILING MACHINE OPERATORS	61084602	10	0.02	3.73	5	[illegible]
STAPLERS, MATTRESS & BEDSPRING	61084603	10	0.01	4.72	5	[illegible]
SAILORS & DECKHANDS	61084800	15	0.02	3.77	10	5
ORDINARY SEAMEN	61084803	15	0.02	3.78	10	5
SAWYERS	61085000	90	0.12	3.86	35	55
BAND SCROLL SAW OPERATORS	61085001	10	0.01	5.22	5	5
CUT-OFF SAW OPERATORS, LUMBER	61085003	15	0.02	4.13	5	10
CUT-OFF SAWYERS, LOG	61085004	5	0.01	3.55	*	5
EDGERS, AUTOMATIC &/OR PONY	61085005	10	0.01	3.36	5	5
HEAD SAWYERS	61085008	10	0.01	3.36	5	5
RIPSAW OPERATORS	61085012	15	0.02	4.35	5	10
SAWYERS, METAL	61085013	10	0.01	4.23	5	5
TRIM SAW OPERATORS	61085017	5	0.01	3.52	*	5
VARIETY SAW OPERATORS	61085018	5	0.01	4.10	*	5
SEWERS & STITCHERS	61085200	1810	2.51	4.37	745	1065
MENDERS	61085204	5	0.01	3.01	*	5

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
SEWING MACH OPS, REG EQUIP, NONGAR	61085205	65	0.09	5.93	40	25
GARMENT REPAIRERS	61085212	15	0.02	4.14	5	10
SEWING MACH OPS, SPEC EQUIP, NONGAR	61085215	90	0.12	5.63	50	40
SEWING MACH OPS, SPEC EQUIP, GAR	61085219	145	0.20	3.89	50	95
SEWING MACH OPS, REG EQUIP, GARMENT	61085220	1490	2.07	4.32	600	890
SHOEMAKING MACHINE OPS	61085400	-5	0.00	0.00	-10	5
FURNACE TNDRS, STOKRS, EX METAL	61085600	85	0.11	5.90	30	55
STATIONARY BOILER FIRERS	61085602	60	0.08	5.68	20	40
KILN OPERATORS, MINERALS	61085613	10	0.02	6.09	5	5
WINDING OPERATIVES, NEC	61085800	25	0.04	4.96	15	10
PAPER REEL OPS, REWINDER OPS	61085804	10	0.01	4.67	5	5
WINDERS, PAPER MACHINE	61085808	10	0.01	4.63	5	5
COIL WINDERS	61085810	5	0.01	6.20	5	*
MISC MACH OPS, MEAT & DAIRY PROD	61086000	25	0.03	3.73	15	10
DAIRY PROCESSING EQUIP OPERATORS	61086026	10	0.01	3.90	5	5
MISC MACH OPS, ALL OTH FOOD PROD	61086200	15	0.02	2.49	5	10
MISC MACH OPS, TOBACCO	61086400	5	0.01	1.93	-5	10
WRAPPER LAYERS	61086406	5	0.01	2.01	-5	10
MISC MACH OPS, TEXTILE MILL PROD	61086600	25	0.03	2.76	10	15
BLENDING MACHINE OPERATORS	61086607	5	0.01	2.21	*	5
FOLDING MACHINE OPERATORS	61086618	15	0.02	2.71	5	10
MISC MACH OPS, LUMBER PROD, FURN	61086800	30	0.05	3.91	15	15
VENEER DRIERS	61086804	10	0.01	3.80	5	5
POWER BARKER OPERATORS	61086808	10	0.02	3.48	5	5
MISC MACH OPS, PAPER, ALLIED PROD	61087000	115	0.16	4.25	70	45
PULP REFINER OPERATORS	61087005	5	0.01	5.15	5	*
PULPERS	61087006	5	0.01	3.97	5	*
RECOVERY OPERATORS, PAPERMAKING	61087007	5	0.01	4.03	5	*
WOOD GRINDER OPERATORS	61087012	5	0.01	4.20	5	*
FOURDRINIER MACHINE TENDERS	61087014	10	0.01	4.10	5	5
RACK TENDERS	61087015	10	0.01	4.48	5	5
BLEACHER OPERATORS, PULP	61087020	5	0.01	4.00	5	*
DIGESTER OPERATORS	61087021	5	0.01	4.50	5	*
BAG MACHINE OPERATORS	61087051	10	0.01	4.07	5	5

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
FOURTH/FIFTH HANDS, PAPER MACHINE	61087065	15	0.02	4.46	10	5
MISC MACH OPS, CHEM, ALLIED PROD	61087200	145	0.20	3.52	70	75
SPINNERS, SYNTHETIC FILAMENTS	61087225	25	0.03	2.65	10	15
PUMPERS, LIQUIDS	61087286	5	0.01	5.97	5	*
CHEMICAL OPERATOR HELPERS	61087288	25	0.03	3.87	15	10
CHEMICAL OPERATORS A	61087290	40	0.06	3.61	20	20
CHEMICAL OPERATORS B	61087291	25	0.04	3.84	15	10
CHIEF OPERATORS	61087295	10	0.01	4.21	5	5
MISC MACH OPS, RUBBER, MISC PLAS	61087600	295	0.41	7.37	235	60
RUBBER MILL OPERATORS	61087603	30	0.05	7.24	25	5
SPLICERS	61087611	25	0.03	7.54	20	5
TIRE BUILDERS	61087614	95	0.13	7.21	75	20
SPLICERS, RUBBER PRODUCTS	61087615	5	0.01	7.96	5	*
TUBER MACHINE OPERATORS	61087616	10	0.02	7.38	10	*
WATCHCASE VULCANIZER TENDERS	61087617	5	0.01	7.69	5	*
PRESS TENDERS, RUBBER GOODS	61087618	20	0.03	7.14	15	5
CALENDER OPERATORS	61087622	5	0.01	6.82	5	*
BEAD FORMING MACH OPERATORS	61087626	5	0.01	8.51	5	*
BEAD FLIPPERS	61087627	10	0.02	7.28	10	*
BELT BUILDERS	61087628	5	0.01	8.51	5	*
DIPPING MACHINE OPERATORS	61087629	5	0.01	7.62	5	*
COMPR &/OR INJECT MOLD MA OPS, PL	61087645	55	0.08	7.75	45	10
MISC MACH OPS, STONE, CLAY, GLASS	61088000	35	0.05	4.62	25	10
GLAZING MACHINE OPERATORS	61088010	5	0.01	7.83	5	*
PRESS OPERATORS	61088026	5	0.01	6.67	5	*
MILLERS, CEMENT	61088032	5	0.01	5.13	5	*
CONCRETE STONE FABRICATORS	61088040	5	0.01	3.88	5	*
MISC MACH OPS, PRIMARY METALS	61088200	45	0.06	2.84	20	25
OPERATORS, DOOR MACHINE	61088205	10	0.01	2.91	5	5
PUMP OPERATORS, BY-PRODUCTS	61088208	5	0.01	2.91	*	5
POT TENDERS	61088236	*	0.00	0.00	-5	5
COREMAKERS, MACHINE	61088274	10	0.01	4.23	5	5
WIRE WEAVERS	61088293	10	0.01	4.95	5	5
MISC MACH OPS, MFG, NEC	61088400	45	0.06	3.86	25	20

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
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ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
COREMAKERS, HAND, BENCH, FLOOR	61088403	15	0.02	4.15	10	5
CHIPPERS	61088408	10	0.01	3.27	5	5
PRESS OPERATORS, PLASTICS	61088416	5	0.01	8.89	5	*
LOADING MACHINE OPERATORS	61088436	5	0.01	2.46	*	5
SOABAR OPERATORS	61088443	5	0.01	3.45	*	5
MISC MACH OPS, NONMFG	61088600	30	0.04	3.94	15	15
OPERATIVES, NEC, DURABLE GOODS	61088800	45	0.06	3.26	15	30
FINISHERS, HAND	61088818	5	0.01	9.09	5	*
MOLD CLOSERS	61088827	10	0.01	4.65	5	5
WIRE DRAWERS	61088850	15	0.02	2.26	*	15
OPERATIVES, NEC, NONDURABLE GDS	61089000	320	0.44	4.19	160	160
CURERS, RUBBER GOODS	61089002	5	0.01	6.90	5	*
BAKER HELPERS	61089003	5	0.01	3.01	*	5
CALENDER OPERATOR HELPERS	61089005	10	0.01	7.35	10	*
CHICKEN CUTTERS	61089008	20	0.03	3.94	10	10
DIGESTER OPERATOR HELPERS	61089016	5	0.01	4.59	5	*
POULTRY DRESSERS, EVISCERATORS	61089040	170	0.24	3.88	80	90
THREAD TRIMMERS	61089071	25	0.04	3.87	10	15
TIRE FINISHERS	61089072	20	0.02	7.66	15	5
PRESS ASSISTANTS & FEEDERS	61089095	10	0.01	4.52	5	5
MAILERS	61089097	15	0.02	5.28	5	10
OPERATIVES, NEC, NONMFG	61089200	75	0.10	5.81	50	25
EXTERMINATORS	61089204	45	0.07	5.92	30	15
TERMITE TREATERS	61089210	20	0.03	5.85	15	5
TRANSPORT EQUIP OPERATIVES	62000000	2180	3.02	3.92	1115	1065
BUS DRIVERS	62000400	110	0.15	6.39	15	95
DELIVERY & ROUTE WORKERS	62000800	505	0.70	3.56	255	250
FORK LIFT, TOW MOTOR OPS	62001000	305	0.42	3.46	195	110
INDUSTRIAL TRUCK OPERATORS	62001001	285	0.40	3.51	185	100
LOG HANDLING EQUIPMENT OPERATORS	62001003	10	0.02	2.86	5	5
PARKING ATTENDANTS	62001400	35	0.04	9.61	10	25
TAXICAB DRIVERS, CHAUFFEURS	62002000	55	0.07	6.11	10	45
AMBULANCE DRIVERS	62002002	25	0.04	7.30	10	15
TAXI DRIVERS	62002004	20	0.03	5.16	*	20
CHAUFFEURS	62002007	5	0.01	4.76	*	5

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1976 – 1982
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
TRUCK DRIVERS	62002200	1170	1.63	3.97	630	540
ALL OTHER SEMISKILLED WORKERS	63000000	1810	2.51	4.28	940	870
SERVICE WORKERS	70000000	11640	16.14	6.44	5275	6365
JANITORS & SEXTONS	70020600	2945	4.08	7.30	990	1955
FOOD SERVICE WORKERS	70040000	4440	6.15	6.15	2410	2030
BAKERS, BREAD &/OR PASTRY	70040200	30	0.04	5.66	15	15
BARTENDERS	70040400	70	0.10	5.04	45	25
WAITERS ASSISTANTS	70040600	105	0.14	4.42	80	25
COOKS, EX PRIVATE	70040800	1175	1.63	6.35	575	600
COOKS, SHORT ORDER/SPEC FAST FD	70040802	370	0.51	6.93	200	170
COOKS, RESTAURANT	70040803	440	0.61	6.81	235	205
COOKS, INSTITUTIONAL	70040804	365	0.50	5.45	140	225
BUTCHERS &/OR MEAT CUTTERS	70041400	145	0.20	4.35	50	95
WAITERS & WAITRESSES	70041600	1160	1.61	6.38	670	490
HOSTS/HOSTESSES, REST, LNGE, COF SH	70041601	45	0.06	6.57	25	20
WAITERS & WAITRESSES	70041602	1115	1.54	6.38	645	470
FOOD WORKERS, NEC, EX PRIVATE	70041800	1755	2.44	6.30	975	780
FD PREP & SERV WKRS, FAST FD REST	70041804	740	1.02	6.70	435	305
PANTRY, SANDWICH, &/OR COF MAKERS	70041805	25	0.04	6.40	15	10
ALL OTHER FOOD SERVICE WKRS	70041899	990	1.38	6.03	525	465
NURSES AIDES, ORDERLIES	70061000	1545	2.14	6.81	840	705
PERSONAL SERVICE WORKERS	70080000	545	0.75	5.07	125	420
ATTNS, RECREATION, AMUSEMENT	70080400	35	0.05	4.91	15	20
RECREATION FACILITY ATTENDANTS	70080401	25	0.04	4.75	10	15
ATTNS, PERSONAL SERVICE, NEC	70080600	95	0.14	6.27	30	65
COSTUMER	70080603	15	0.02	6.52	5	10
FUNERAL ATTENDANTS	70080607	5	0.01	4.02	*	5
INSTRUCTORS, REDUCING	70080611	5	0.01	4.59	*	5
HOUSEKEEPERS, HOTEL & MOTEL	70080616	60	0.08	6.98	20	40
GUIDES, SIGHTSEEING OR ESTABLHMT	70080619	5	0.01	6.67	*	5
BAGGAGE PORTERS & BELLHOPS	70080800	15	0.03	4.58	5	10
BARBERS	70081000	30	0.04	7.63	*	30
CHILD CARE WORKERS & ATTENDANTS	70081600	135	0.19	6.96	30	105
ELEVATOR OPERATORS	70081800	20	0.03	8.24	5	15

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1976 – 1982
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
HAIRDRESSERS, COSMETOLOGISTS	70082000	120	0.18	3.27	-10	130
COSMETOLOGISTS/MN'S HAIRSTYLISTS	70082001	105	0.16	3.27	-10	115
MANICURISTS	70082003	5	0.00	3.37	*	5
SHAMPOOERS	70082006	10	0.01	3.28	*	10
SCHOOL MONITORS	70082600	5	0.01	8.22	*	5
WELFARE SERVICE AIDES	70083000	70	0.10	5.76	30	40
PROTECTIVE SERVICE WORKERS	70100000	1735	2.41	6.72	660	1075
\CROSSING GUARDS, BRIDGETENDERS	70100200	35	0.05	5.62	10	25
FIREFIGHTERS	70100400	140	0.19	2.97	75	65
FIREFIGHTERS	70100401	110	0.15	2.94	60	50
FIRE OFFICERS	70100403	30	0.04	3.06	15	15
GUARDS	70100600	1230	1.70	10.48	420	810
GUARDS & DOORKEEPERS	70100601	1130	1.57	10.71	395	735
CHECKERS, FITTING ROOM	70100602	15	0.02	9.64	5	10
FISH & GAME WARDENS	70100606	15	0.02	5.62	5	10
CORRECTION OFFICERS &/OR JAILERS	70100607	70	0.09	9.13	15	55
POLICE & DETECTIVES	70101000	305	0.42	3.78	145	160
DETECTIVES	70101001	20	0.03	5.80	15	5
STORE DETECTIVES	70101002	10	0.01	4.71	5	5
POLICE OFFICERS	70101004	55	0.08	3.66	25	30
POLICE DETECTIVES	70101005	15	0.02	3.24	5	10
POLICE PATROLMEN/WOMEN	70101006	190	0.26	3.70	90	100
SHERIFFS, DEPUTIES, & BAILIFFS	70101200	25	0.04	3.66	10	15
OTHER SERVICE WORKERS	70200000	430	0.60	4.73	250	180
SUPERVISORS, SERVICE	70200001	110	0.16	5.09	60	50
ALL OTHER SERVICE WORKERS	70200099	320	0.44	4.61	190	130
LABORERS, EXCEPT FARM	80000000	6245	8.66	5.20	2725	3520
ANIMAL CARETAKERS	80000200	5	0.01	5.38	*	5
CONST LABRS, EX CARPNTRS HELPERS	80000600	345	0.48	5.18	160	185
AIR HAMMER OPERATORS	80000601	25	0.04	5.74	15	10
FENCE ERECTORS	80000607	10	0.02	6.47	5	5
PIPELAYERS	80000609	75	0.10	5.71	40	35
REINFORCING-IRON WORKERS	80000610	75	0.11	5.86	40	35
HIGHWAY MAINTENANCE WORKERS	80000628	150	0.21	4.54	55	95

Table 12 (Continued)
ANNUAL AVERAGE JOB OPENINGS BY OCCUPATION
1976 – 1982
ALABAMA

OCCUPATION	CODE	NUMBER[1]	PCT. OF[2] TOTAL	PCT. OF[2] 1982 EMPL.	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATION
FREIGHT, MATERIAL HANDLERS	80001000	125	0.17	3.59	50	75
CHAIN OFFBEARERS, LUMBER	80001005	30	0.04	3.29	10	20
LOADERS, CAR & TRUCK	80001007	5	0.01	3.27	*	5
OFF-BEARERS	80001009	15	0.02	3.41	5	10
KILN STACKER OPERATORS	80001014	5	0.01	3.28	*	5
VENEER DRIER FEEDERS	80001018	10	0.01	3.70	5	5
CONVEYOR OPERATORS OR TENDERS	80001020	25	0.03	3.57	10	15
WORK DISTRIBUTORS	80001023	30	0.04	4.09	15	15
GARBAGE COLLECTORS	80001200	150	0.21	4.84	55	95
GARDENERS, GROUNDSKEEPERS, EX FARM	80001400	285	0.40	7.87	60	225
TIMBERCUTTING, LOGGING WORKERS	80001800	100	0.14	3.77	45	55
CHOKER SETTERS, LUMBER	80001802	10	0.01	3.42	5	5
DECKER OPERATORS	80001803	5	0.01	5.32	5	*
FALLERS &/OR BUCKERS	80001805	70	0.10	3.80	30	40
SECOND LOADERS	80001810	5	0.01	3.65	*	5
STOCK HANDLERS	80002000	405	0.56	3.22	230	175
ORDER FILLERS	80002001	170	0.24	3.50	105	65
STOCK CLERKS, SALES FLOOR	80002003	235	0.33	3.04	125	110
VEHICLE WASHERS, EQUIP CLEANERS	80002400	5	0.01	7.87	5	*
OTHER LABORERS	80002800	4820	6.69	5.49	2115	2705
SETTERS &/OR DRAWERS	80002812	5	0.01	3.81	*	5
FURNACE OP HELPERS/HEATER HELPERS	80002819	10	0.02	3.62	*	10
RIGGERS	80002822	60	0.08	5.21	25	35
HELPERS, TRADES	80002823	1035	1.43	5.77	550	485
CANNERY WORKERS	80002824	20	0.03	8.41	15	5
LINE SERVICE ATTENDANTS	80002830	5	0.01	5.08	*	5
FOREST CONSERVATION WORKERS	80002831	15	0.02	4.55	5	10

[1]Totals in some occupational groups may not add due to exclusion of sub-groups and/or individual occupations with employment less than 5.

[2]Percent distributions calculated using raw data.

*Insignificant openings (rounded data less than 5).

Table 13A
AVERAGE LONG TERM UNEMPLOYED IN FY 1982*
(Persons Unemployed 15 Weeks or More)
ALABAMA

	Total	White	Nonwhite
Total	33,611	17,480	16,131
Male	17,521	9,290	8,231
Female	16,090	8,190	7,900

Table 13B
NUMBER OF DIFFERENT INDIVIDUALS
UNEMPLOYED DURING FY 1982*
ALABAMA

	Total	White	Nonwhite
Total	406,800	224,147	182,653
Male	173,297	102,514	70,783
Female	233,503	121,633	111,870

Table 13C
EMPLOYED PART-TIME FOR ECONOMIC REASONS*
FY 1982
ALABAMA

	Total	White	Nonwhite
Total	63,629	46,738	16,891
Male	31,809	24,250	7,559
Female	31,820	22,488	9,332

*FY 1982 Lawrence Berkeley Laboratory Projections, University of California at Berkeley.

Table 14
ECONOMICALLY DISADVANTAGED PERSONS
1970 CENSUS AND FY 1982 PROJECTIONS*
ALABAMA

	Total	White	Nonwhite
1970 CENSUS			
Total Population	3,444,165	2,535,863	908,342
Persons with income below poverty level (excluding related children under 18)	492,656	263,481	229,593
Percent of disadvantaged persons	14.30	10.39	25.28
FY 1982 PROJECTIONS			
Persons with income below poverty level	826,023	347,395	478,628
Related Children under 18 below poverty level	326,244	87,275	238,969
Poor persons excluding related children under 18	499,779	260,120	239,659
FY 1982 Population Projection	3,856,316	2,842,839	1,013,477
Percent of poor persons (excluding related children under 18) to total population projection for FY 1982	12.96	9.15	23.65

*FY 1982 Lawrence Berkeley Laboratory Projections, University of California at Berkeley.

Table 15
PERSONS BY POVERTY STATUS — FY 1982*
ALABAMA

	Total	White	Nonwhite
PERSONS BELOW POVERTY LEVEL			
Total Persons	826,023	347,395	478,628
Persons in Families	664,058	245,621	418,437
Unrelated Persons	161,965	101,774	60,191
POPULATION 65 YEARS OLD AND OVER			
Poverty Status			
Above Poverty Level	304,525	249,565	54,960
Below Poverty Level	122,699	76,280	46,419
RELATED CHILDREN UNDER 18 BELOW POVERTY LEVEL			
Total Persons	326,244	87,275	238,969
By Age			
Under 6 years	110,291	24,733	85,558
6 — 17 years	215,953	62,542	153,411
By Type of Family & Age			
Male Head			
Under 6 years	53,217	23,027	30,190
6 — 17 years	89,852	40,652	49,200
Female Head			
Under 7 Years	57,073	1,706	55,367
6 — 17 years	126,102	21,890	104,212

*FY 1982 Lawrence Berkeley Laboratory Projections, University of California at Berkeley.

Table 16
ESTIMATED NUMBER OF VETERANS IN CIVILIAN LIFE*
SEPTEMBER 30, 1980
ALABAMA AND U.S.
(In Thousands)

	Alabama	Nation
Total Veterans	422	30,118
War Veterans	365	26,065
Vietnam Era		
Total	126	9,015
No Service in Korean Conflict	118	8,463
Korean Conflict		
Total	91	5,826
No Service in World War II	74	4,659
World War II	166	12,422
World War I	7	521
Post-Vietnam Era	13	1,003
Service Between Korean Conflict and Vietnam Era Only	44	3,050

* Reports and Statistics Service, Office of The Controller, Veterans Administration, Washington D.C.

Table 17
SUMMARY OF ACTIVE APPLICATIONS ON FILE* AS OF MARCH 1981
ALABAMA

				Age Groups			
Occupational Division	**Total**	**Female**	**Veteran**	**Under 22**	**45 & Over**	**Minority**	**Disadvantaged**
Total	**149,012**	**69,568**	**26,640**	**29,355**	**23,758**	**62,107**	**53,114**
Prof., Tech., & Mgr.	11,222	4,901	3,334	565	2,381	2,686	1,784
Clerical & Sales	26,841	20,265	3,216	5,431	3,595	7,790	6,919
Clerical	21,126	17,438	2,208	4,315	2,387	6,502	5,767
Sales	5,715	2,827	1,008	1,116	1,208	1,288	1,152
Service	24,411	17,872	2,150	4,608	5,440	15,975	14,109
Domestic	3,317	3,182	23	208	1,608	2,930	2,688
Other	21,094	14,690	2,127	4,400	3,832	13,045	11,421
Farm., Fish., Forestry, Rel.	2,569	478	282	642	507	1,203	1,214
Processing	5,130	1,674	866	613	785	2,444	1,581
Machine Trades	11,601	2,728	3,323	1,491	1,996	3,364	2,928
Benchwork	10,369	7,399	926	1,416	1,654	3,563	3,088
Structural Work	22,092	740	6,728	3,654	3,504	6,915	5,744
Miscellaneous	18,259	2,614	4,498	3,403	2,753	8,181	5,933
Entry Level	15,893	10,613	1,198	7,435	1,011	9,663	9,511

*Employment Security Automated Reporting System (ESARS), Table 96, Quarterly, Year-to-Date.

Table 18
CHARACTERISTICS OF THE ACTIVE APPLICANTS ON FILE*
OCTOBER 1, 1980 — MARCH 31, 1981
ALABAMA

Item	Number	Percent
Total Applicants	351,723	100.0
Age		
15 & Under	1,369	0.4
16 — 17	11,883	3.4
18 — 19	35,905	10.2
20 — 21	39,727	11.3
22 — 24	54,831	15.6
25 — 29	64,713	18.4
30 — 34	43,905	12.5
35 — 39	28,112	8.0
40 — 44	20,639	5.9
45 — 54	31,381	8.9
55 — 64	16,216	4.6
65 & Over	3,042	0.8
Sex		
Male	180,506	51.3
Female	171,217	48.7
Ethnic Group		
White (Not Hispanic)	212,921	60.6
Black (Not Hispanic)	136,540	38.8
Hispanic	732	0.2
Other Races	1,530	0.4
Residence		
Urban	190,646	54.2
Rural	161,077	45.8
Highest School Grade		
0 — 7	21,678	6.2
8 — 11	120,089	34.1
12	151,302	43.0
Over 12	58,654	16.7
U.I. Claimant	114,550	32.6
Veteran	46,739	13.3
Economically Disadvantaged	112,379	32.0
Food Stamp Recipient	53,942	15.3
Welfare Recipient	30,571	8.7

*Employment Security Automated Reporting System (ESARS), Table 06, Year-to-Date.

Table 19
CHARACTERISTICS OF THE ECONOMICALLY DISADVANTAGED ACTIVE APPLICANTS*
OCTOBER 1, 1980 — MARCH 31, 1981
ALABAMA

Item	Number	Percent
Total Economically Disadvantaged	112,379	100.0
Age		
15 & Under	843	0.7
16 — 17	6,273	5.6
18 — 19	13,085	11.6
20 — 21	13,020	11.6
22 — 24	17,237	15.3
25 — 29	19,639	17.5
30 — 34	13,223	11.8
35 — 39	8,460	7.5
40 — 44	6,135	5.5
45 — 54	9,277	8.3
55 — 64	4,397	3.9
65 & Over	790	0.7
Sex		
Male	48,091	42.8
Female	64,288	57.2
Ethnic Group		
White (Not Hispanic)	44,306	39.4
Black (Not Hispanic)	67,265	59.9
Hispanic	232	0.2
Other Races	576	0.5
Residence		
Urban	63,962	56.9
Rural	48,417	43.1
Highest School Grade		
0 — 7	10,138	9.0
8 — 11	49,311	43.9
12	41,105	36.6
Over 12	11,825	10.5
U.I. Claimant	25,914	23.1
Veteran	11,839	10.5
Food Stamp Recipient	24,681	22.0
Welfare Recipient	30,774	27.4

*Employment Security Automated Reporting System (ESARS), Table B06, Year-to-Date.

Table 20
CHARACTERISTICS OF THE VETERAN ACTIVE APPLICANTS*
OCTOBER 1, 1980 — MARCH 31, 1981
ALABAMA

Item	Number	Percent
Total Veterans	46,739	100.0
Age		
18 — 19	307	0.6
20 — 21	1,516	3.2
22 — 24	5,590	12.0
25 — 29	10,136	21.7
30 — 34	8,630	18.5
35 — 39	4,528	9.7
40 — 44	3,455	7.4
45 — 54	7,318	15.6
55 — 64	4,760	10.2
65 & Over	459	1.0
Sex		
Male	44,757	95.8
Female	1,982	4.2
Ethnic Group		
White (Not Hispanic)	31,978	68.4
Black (Not Hispanic)	14,564	31.2
Hispanic	118	0.2
Other Races	79	0.2
Residence		
Urban	27,206	58.2
Rural	19,533	41.8
Highest School Grade		
0 — 7	1,748	3.7
8 — 11	8,541	18.3
12	24,036	51.4
Over 12	12,414	26.6
U.I. Claimant	19,838	42.4
Economically Disadvantaged	11,839	25.3
Food Stamp Recipient	5,145	11.0
Welfare Recipient	353	0.8

*Employment Security Automated Reporting System (ESARS), Table C06, Year-to-Date.

Table 21
JOB OPENINGS RECEIVED AND FILLED BY OCCUPATIONAL CATEGORY AND AVERAGE HOURLY WAGE RATE AS OF MARCH 31, 1981*
ALABAMA

Occupational Title	Openings Received	Avg. Hourly Wage	Openings Filled	Wage Rate
TOTAL	48,319	$3.89	38,778	$3.77
Prof., Tech. & Mgr.	3,783	4.80	2,429	4.01
Clerical	8,653	3.61	7,059	3.51
Sales	2,122	3.80	1,219	3.67
Domestic	1,339	3.73	1,189	3.77
Other Service	7,224	3.28	5,813	3.27
Farming, Foresty & Fishing	1,652	3.45	1,315	3.43
Processing	1,829	4.06	1,616	4.08
Machine Trades	3,168	4.35	2.226	4.26
Bench Work	5,150	3.62	4,528	3.59
Structural	6,721	4.44	5,509	4.32
Motor Freight Trans.	1,310	3.91	920	3.90
Packaging	4,883	3.81	4,527	3.80
Other	485	5.65	428	5.71

*Employment Security Automated Reporting System (ESARS), Table B07, Quarterly, Year-to-Date.

Table 22
NONAGRICULTURAL UNFILLED JOB OPENINGS BY MAJOR OCCUPATIONAL GROUP*
AS OF MARCH 31, 1981
ALABAMA

Occupational Group	Unfilled Openings	Unfilled for 30 Days or More	Percent Hard To Fill	Unfilled Openings % of Available Applicants
TOTAL	5,330	3,113	58.4	3.6
Prof., Tech. & Mgr.	1,046	814	77.8	9.3
Clerical & Sales	1,108	512	46.2	4.1
Clerical	762	310	40.7	3.6
Sales	346	202	58.4	6.1
Service	580	297	51.2	2.4
Domestic	14	8	57.1	0.4
Other	566	289	51.1	2.7
Farming, Fishery, Forestry	301	227	75.4	11.7
Processing	242	112	46.3	4.7
Machine Trades	452	295	65.3	3.9
Bench Work	698	422	60.5	6.7
Structural Work	572	284	49.7	2.6
Miscellaneous	285	105	36.8	1.6

*Employment Security Automated Reporting System (ESARS), Table 96, Quarterly, Year-to-Date.